

CALIFORNIA INSTITUTE OF TECHNOLOGY
EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS
DIGITIZED AND PLOTTED DATA

VOLUME I - Uncorrected Accelerograms
PART E - Accelerograms IE071 through IE085

Accelerograms from the
SAN FERNANDO, CALIFORNIA, EARTHQUAKE
of February 9, 1971

Log. Nos. 71.004, 71.048, 71.049, 71.047, 71.056
71.057, 71.058, 71.059, 71.092, 71.093
71.062, 71.063, 71.096, 71.097, 71.098

Report No. EERL 71-22

A Report on Research Conducted Under a Grant from the
National Science Foundation

December 1971

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Preface to Volume I, Part E

The first set of twenty uncorrected digitized earthquake accelerograms was published in July, 1969 as Volume I, Part A, of the present series. That volume also contained introductory material and background information describing the methods used, accuracies, etc., which should be referred to by all users of the data.

The San Fernando Earthquake provided records of such importance that the original plan was interrupted after two parts, and Part C contained the first of the San Fernando Earthquake accelerograms.

This issue continues the San Fernando accelerograms and contains fifteen records consisting of three records each from four buildings, two records from Santa Felicia Dam and a ground record from Wheeler Ridge. Some comments on these records follow.

IE071. Wheeler Ridge. The entire 30 second record was digitized. The time marks functioned for only two seconds, and therefore the paper speed was calculated from an average value during the preceding calibration test.

IE072, 73, 74. 4680 Wilshire Boulevard, Basement, 3rd and 6th Floors. There is a hesitation of 0.2 second duration in the record in the basement during the first second of operation. Aligning this record with the other two may consequently require considerable care.

IE075, 76, 77. 3470 Wilshire Boulevard, Sub-basement, 5th and 11th Floors. The sub-basement record was digitized on a different machine from that at Caltech and only 44 seconds could be handled. The upper floor records were digitized to 64 seconds, just short of the total record length.

IE078, 79, 80. Los Angeles Water and Power Building, Basement, 7th and 15th Floors. The basement record was digitized to 57 seconds by which time the first aftershock had diminished. The upper floor records were digitized for a further 15 seconds.

IE081, 82. Santa Felicia Dam, Outlet Works and Crest. Both records have been digitized the total length.

IE082, 83, 84. 3407 Sixth Street, Basement, 4th Floor and Penthouse. The entire 60 second records were digitized.

As in previous reports the printout and plots of those records that require shifting in the digitizer contain asterisks and arrows, respectively, indicating where such shifts occurred.

Previous reports in this series have contained references concerning particular aspects of the various earthquake records. Accession numbers for those available from the Clearinghouse, National Technical Information Service, Springfield, Virginia 22151, are as follows:

	Accession No.
"Strong Motion Earthquake Accelerograms"	
Volume I, Part A, No. EERL 70-20	PB 187 847
Volume I, Part B, No. EERL 70-21	PB 196 823
Volume I, Part C, No. EERL 71-20	PB 204 364
"Strong Motion Instrumental Data on the San Fernando Earthquake of Feb. 9, 1971", D. E. Hudson, Ed., a joint report by the Earthquake Engineering Research Laboratory, California Institute of Technology, and the Seismological Field Survey, National Oceanic and Atmospheric Administration, Sept., 1971.	PB 204 198
"Engineering Features of the San Fernando Earthquake, Feb. 9, 1971", Paul C. Jennings, Ed., Earthquake Engineering Research Laboratory, California Institute of Technology, No. EERL 71-02, June, 1971.	PB 202 550

In conclusion, we should like to express our gratitude to our regular digitizers and assistants, students and otherwise, for their conscientious work. We would like to acknowledge the general support of the Earthquake Research Affiliates program, the generous grants from the National Science Foundation and the cooperation of the Seismological Field Survey of the National Oceanic and Atmospheric Administration.

D. E. Hudson
A. G. Brady
Earthquake Engineering Research Laboratory
California Institute of Technology

INSTRUMENT CHARACTERISTICS FOR SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST

Series Ref. No.	Caltech Log. No.	Instrmt: Serial No.	Station: Location	Component Direction	Period T ₀ (sec)	Sens. (cm/g)	Damp Ratio. ϵ	Damp % crit.
IE071	71.004	AR240 112	102: Wheeler Ridge, Cal.	South East Down	.052 .052 .051	7.6* 7.6* 7.6*	11.5 9.8 9.4	61.4 58.6 58.0
IE072	71.048	AR240 268	223: 4680 Wilshire Blvd, L. A., Cal., Bsmnt.	N75W N15E Down	.048 .049 .051	7.6* 7.6* 7.6*	9.4 8.7 8.3	58.0 56.7 55.9
IE073	71.049	AR240 284	224: Ditto 3rd Floor	N15E N75W Down	.049 .048 .049	7.6* 7.6* 7.6*	8.0 7.9 9.8	55.1 54.9 58.8
IE074	71.047	AR240 279	225: Ditto 6th Floor	N15E N75W Down	.046 .048 .045	7.6* 7.6* 7.6*	8.5 8.9 8.8	56.3 57.1 56.9
IE075	71.056	AR240 248	208: 3470 Wilshire Blvd, L. A., Cal., Subbsmt.	North West Down	.057 .056 .055	7.6* 7.6* 7.6*	9.2 7.4 8.0	57.6 53.8 55.2
IE076	71.057	AR240 246	209: Ditto 5th Floor	North East Down	.060 .054 .055	7.6* 7.6* 7.6*	7.4 9.2 8.5	53.6 57.6 56.3
IE077	71.058	AR240 297	210: Ditto 11th Floor	North East Down	.050 .048 .048	7.6* 7.6* 7.6*	9.1 8.6 8.9	57.4 56.5 57.0
IE078	71.059	AR240 152	137: L. A. Water & Power Bldg., L. A., Bsmnt.	N50W S40W Down	.052 .054 .054	7.6* 7.6* 7.6*	10.3 9.3 10.4	59.6 57.8 59.8
IE079	71.092	AR240 150	138: Ditto 7th Floor	N50W S40W Down	.059 .054 .058	7.6* 7.6* 7.6*	7.8 9.5 8.8	54.7 58.2 56.9

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (cont.)

Series Ref. No.	Caltech Log No.	Instrmt: Serial No.	Station: Location	Component Direction	Period T ₀ (sec)	Sens.* (cm/g)	Damp* Ratio, ε	Damp* % crit.
IE080	71.093	AR240 151	139: Ditto 15th Floor	N50W S40W Down	.052 .052 .053	7.6* 7.6* 7.6*	8.2 9.2 8.1	55.6 57.6 55.3
IE081	71.062	AR240 242	284: Santa Felicia Dam, Cal., Outlet Works	S08E S82W Down	.054 .055 .055	7.6* 7.6* 7.6*	8.1 9.2 9.2	55.4 57.7 57.6
IE082	71.063	AR240 241	285: Ditto Crest	S15E S75W Down	.055 .056 .055	7.6* 7.6* 7.6*	9.2 10.6 7.7	57.5 60.0 54.5
IE083	71.096	AR240 225	199: 3407 6th St., L. A. Bsmnt.	South East Down	.053 .051 .054	7.6* 7.6* 7.6*	9.7 9.7 9.7	58.5 58.5 58.5
IE084	71.097	AR240 223	200: Ditto 4th Floor	South East Down	.054 .058 .055	7.6* 7.6* 7.6*	11.0 10.8 11.0	60.6 60.3 60.6
IE085	71.098	AR240 233	201: Ditto Penthouse	South East Down	.053 .053 .057	7.6* 7.6* 7.6*	10.2 9.4 10.4	59.4 58.1 59.7

* Static Magnification, $V_s = \omega_n^2 \cdot \text{Sensitivity} = \left(\frac{2\pi}{T_0(\text{sec})} \right)^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$

Asterisked sensitivities are nominal values.

Damping Ratio, $\epsilon = \exp[\pi n / (1 - n^2)]$ where n is the fraction of critical damping. Periods and damping values have been obtained by direct measurement of the calibration test records appearing at the beginning and end of the earthquake records.

Earthquake Data

The San Fernando, California, Earthquake of February 9, 1971, 0600 PST; epicenter, $34^{\circ}24.0'$ N, $118^{\circ}23.7'$ W; maximum intensity, XI; magnitude, (M_L), 6.6; depth, 13.0 km.

Errata for Previous Parts of Volume I

1. Volume I, Part B, Record IB21, Vernon, Mar. 10, 1933, 1754 PST, Component N82W, on Page 13: The units are seconds and G/100 instead of G/10.
2. Volume I, Part C, on Page 30: The last two lines on the left half page have been blocked out untidily. The last three lines should read:

36.555	0.038	36.387	-0.042	36.412	0.004	36.441	-0.064
36.452	-0.043	36.481	0.045	36.492	0.037	36.522	-0.010
36.536	0.007	36.562	-0.039	36.575	-0.035	36.601	0.003

References

"The San Fernando, California, Earthquake of February 9, 1971," Geological Survey Professional Paper 733, a preliminary report published jointly by the U. S. Geological Survey and the National Oceanic and Atmospheric Administration.

"The San Fernando Earthquake 1971," California Geology, v. 24, n. 4-5, April-May, 1971.

"The San Fernando Earthquake of February 9, 1971," National Academy of Sciences, Washington, D. C.

"The San Fernando, California Earthquake of February 9, 1971," U. S. Department of Commerce, National Bureau of Standards Report 10556, March 1971.

"Strong Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971," D. E. Hudson, Ed., a joint report by the Earthquake Engineering Research Laboratory, California Institute of Technology, and the Seismological Field Survey, National Oceanic and Atmospheric Administration, Sept. 1971.

"Engineering Features of the San Fernando Earthquake, February 9, 1971," Paul C. Jennings, Ed., Earthquake Engineering Research Laboratory, California Institute of Technology, Report No. EERL 71.02, June, 1971.

"Analysis of the Pacoima Dam Accelerograms - San Fernando, California, Earthquake of 1971," M. D. Trifunac and D. E. Hudson, Bull. Seis. Soc. Am., v. 61, no. 5, October, 1971.

"Report of the Los Angeles County Earthquake Commission, San Fernando Earthquake, February 9, 1971," prepared for the Los Angeles Board of Supervisors, Nov., 1971.

"The San Fernando Earthquake, February 9, 1971," Karl V. Steinbrugge, et al, Pacific Fire Rating Bureau, 465 California Street, San Francisco, California, August, 1971.

"Map of Surface Breaks Resulting from the San Fernando, California, Earthquake of February 9, 1971," A. G. Barrows, et al, California Division of Mines and Geology, 1971.

"Engineering Aspects of the 1971 San Fernando Earthquake", Building Science Series 40, U. S. Department of Commerce, National Bureau of Standards, December 1971.

"Post-Earthquake Analysis" (Department of Water and Power Headquarters Building, Los Angeles, California). Structural Engineers Association of Southern California, February 1, 1972.

3.756	0.080	3.775	0.063	3.793	0.025	3.806	-0.005	7.513	-0.066	7.528	-0.087	7.546	-0.058	7.556	-0.033
3.810	-0.009	3.816	-0.047	3.829	-0.072	3.841	-0.093	7.565	-0.008	7.575	0.009	7.590	-0.021	7.598	-0.054
3.859	-0.060	3.866	0.015	3.886	0.015	3.899	0.045	7.609	-0.076	7.627	-0.089	7.647	-0.064	7.660	-0.039
3.912	0.074	3.932	0.048	3.945	0.023	3.963	0.040	7.680	-0.001	7.689	0.020	7.709	0.007	7.725	0.019
3.966	-0.002	3.979	-0.024	3.996	-0.066	4.015	-0.033	7.742	0.032	7.768	0.011	7.797	0.002	7.818	-0.023
4.027	-0.016	4.038	0.014	4.051	0.030	4.056	0.047	7.838	-0.044	7.861	-0.061	7.882	-0.031	7.889	-0.002
4.061	0.013	4.074	-0.029	4.077	0.054	4.094	0.117	7.903	-0.015	7.918	0.053	7.938	0.036	7.949	0.028
4.104	-0.080	4.108	-0.029	4.117	0.021	4.123	0.046	7.974	0.040	7.987	0.027	8.006	0.040	8.016	0.048
4.135	0.067	4.148	0.046	4.161	0.000	4.167	0.046	8.032	0.019	8.049	-0.023	8.065	0.020	8.086	0.041
4.175	-0.088	4.195	-0.135	4.208	-0.101	4.221	-0.047	8.112	0.059	8.132	0.046	8.150	0.026	8.163	0.009
4.233	0.004	4.244	0.038	4.252	0.054	4.259	0.075	8.174	-0.003	8.191	0.031	8.201	0.044	8.212	0.074
4.267	0.088	4.280	0.105	4.288	0.117	4.304	0.084	8.225	-0.028	8.238	-0.031	8.250	-0.048	8.258	-0.068
4.332	0.067	4.344	0.100	4.357	0.138	4.376	0.083	8.282	-0.055	8.295	-0.034	8.310	-0.025	8.328	-0.033
4.397	-0.001	4.428	-0.031	4.448	-0.001	4.461	0.011	8.344	-0.045	8.357	-0.024	8.372	0.010	8.380	0.035
4.482	-0.014	4.492	0.028	4.502	0.045	4.513	-0.018	8.393	0.053	8.403	0.023	8.410	-0.023	8.419	-0.052
4.528	-0.056	4.545	-0.073	4.571	-0.064	4.593	-0.016	8.437	-0.060	8.457	0.028	8.472	-0.025	8.490	0.000
4.616	-0.042	4.637	-0.004	4.657	-0.003	4.673	0.016	8.504	-0.025	8.524	-0.058	8.537	-0.070	8.561	-0.070
4.686	-0.028	4.703	-0.011	4.721	-0.010	4.740	0.032	8.591	-0.069	8.607	-0.031	8.615	0.002	8.622	0.028
4.753	0.040	4.771	0.007	4.786	-0.018	4.801	-0.060	8.637	0.057	8.657	0.028	8.661	-0.018	8.672	-0.043
4.812	-0.068	4.827	-0.022	4.840	0.029	4.855	0.046	8.681	-0.073	8.692	-0.043	8.702	-0.005	8.707	0.029
4.860	0.083	4.878	0.033	4.884	-0.001	4.892	-0.043	8.720	0.062	8.728	0.083	8.744	0.050	8.757	0.025
4.917	-0.089	4.923	-0.047	4.938	-0.005	4.951	0.012	8.770	-0.009	8.797	0.008	8.813	0.021	8.829	0.038
4.964	0.028	4.982	0.045	5.008	0.028	5.024	0.045	8.839	0.046	8.855	0.059	8.870	0.059	8.890	0.033
5.042	0.057	5.060	0.057	5.072	0.041	5.090	0.011	8.901	-0.008	8.914	-0.021	8.927	-0.034	8.947	-0.034
5.103	0.019	5.113	-0.014	5.126	-0.052	5.136	-0.059	8.960	-0.018	8.975	0.003	8.986	0.016	8.999	0.024
5.145	-0.082	5.163	-0.082	5.178	-0.061	5.186	-0.036	9.009	-0.014	9.025	-0.010	9.038	-0.005	9.053	-0.001
5.193	-0.015	5.206	-0.002	5.222	-0.011	5.234	-0.023	9.073	0.014	9.084	0.007	9.092	0.024	9.107	0.036
5.248	-0.044	5.258	-0.057	5.271	-0.086	5.284	-0.059	9.120	0.023	9.138	0.010	9.157	-0.002	9.177	0.010
5.297	-0.003	5.304	0.039	5.317	0.081	5.340	-0.081	9.195	0.023	9.221	0.010	9.237	0.026	9.254	0.051
5.366	0.055	5.377	0.030	5.390	0.000	5.415	-0.042	9.270	0.085	9.293	0.089	9.293	0.055	9.306	0.022
5.436	-0.022	5.459	0.020	5.477	0.049	5.493	0.070	9.314	-0.004	9.324	-0.029	9.335	-0.038	9.348	-0.017
5.523	0.082	5.531	0.091	5.545	0.057	5.562	0.019	9.365	0.004	9.378	0.017	9.393	0.021	9.414	0.020
5.578	-0.018	5.611	0.011	5.652	0.024	5.676	0.045	9.432	0.003	9.443	-0.013	9.453	-0.022	9.469	-0.009
5.696	0.062	5.709	0.029	5.725	0.004	5.743	-0.030	9.482	-0.001	9.497	-0.018	9.505	-0.026	9.523	0.003
5.759	0.016	5.779	0.033	5.802	0.021	5.831	0.000	9.544	-0.014	9.569	-0.005	9.597	0.003	9.623	0.024
5.849	-0.012	5.859	0.000	5.877	-0.046	5.903	-0.046	9.642	0.041	9.659	0.049	9.670	0.062	9.685	0.024
5.924	-0.062	5.941	-0.050	5.973	-0.079	6.009	-0.045	9.700	-0.006	9.711	-0.018	9.734	0.003	9.747	0.024
6.034	-0.024	6.060	-0.003	6.078	-0.036	6.092	-0.070	9.780	0.024	9.799	0.028	9.819	0.032	9.835	0.036
6.112	-0.099	6.140	-0.065	6.161	-0.023	6.179	0.015	9.855	0.019	9.876	0.028	9.884	0.036	9.907	0.023
6.200	-0.006	6.225	-0.027	6.236	0.003	6.261	0.023	9.933	0.006	9.941	-0.006	9.964	0.023	9.980	0.044
6.277	0.028	6.303	0.007	6.326	0.032	6.350	-0.026	9.993	0.078	10.011	-0.099	10.033	0.057	10.044	0.019
6.368	0.016	6.380	0.058	6.393	0.070	6.434	0.074	10.059	-0.015	10.073	-0.011	10.093	-0.003	10.106	-0.036
6.452	-0.010	6.463	-0.027	6.481	0.028	6.497	0.049	10.129	-0.066	10.152	-0.036	10.168	0.014	10.178	0.010
6.510	0.032	6.540	0.028	6.573	0.007	6.595	0.032	10.188	0.031	10.211	0.023	10.235	0.031	10.251	0.031
6.608	-0.010	6.625	-0.010	6.648	-0.023	6.680	-0.002	10.263	0.014	10.281	0.014	10.299	0.001	10.309	-0.015
6.702	-0.015	6.715	-0.031	6.747	-0.065	6.765	-0.014	10.318	0.006	10.328	0.027	10.340	0.044	10.351	-0.015
6.773	0.019	6.786	0.048	6.811	0.060	6.827	0.054	10.371	0.027	10.380	-0.007	10.392	-0.028	10.426	-0.015
6.847	0.030	6.860	0.018	6.891	0.047	6.914	0.076	10.464	0.006	10.485	0.027	10.508	0.069	10.529	0.065
6.930	0.088	6.948	0.063	6.989	0.067	7.013	0.033	10.549	-0.056	10.563	0.044	10.572	0.023	10.583	-0.007
7.033	0.003	7.061	0.007	7.087	-0.010	7.106	0.030	10.609	-0.007	10.627	-0.015	10.638	-0.028	10.648	-0.028
7.123	0.027	7.139	-0.011	7.164	-0.032	7.172	-0.003	10.676	-0.044	10.687	-0.028	10.699	-0.006	10.718	0.006
7.188	0.035	7.206	-0.056	7.221	0.022	7.235	-0.025	10.740	-0.019	10.763	-0.065	10.772	-0.082	10.803	-0.044
7.252	-0.046	7.271	-0.025	7.284	0.013	7.296	0.038	10.820	-0.006	10.841	-0.019	10.854	-0.002	10.867	-0.019
7.311	0.050	7.324	0.050	7.347	0.008	7.374	-0.031	10.914	-0.031	10.931	-0.040	10.960	-0.078	10.967	-0.082
7.400	-0.044	7.412	-0.027	7.431	-0.002	7.440	0.023	10.986	-0.040	11.001	-0.002	11.008	0.023	11.029	0.001
7.459	0.032	7.484	0.019	7.498	-0.003	7.503	-0.041	11.040	-0.023	11.060	-0.057	11.071	-0.044	11.091	0.002

11.115	0.057	11.137	0.065	11.154	0.061	11.171	0.040	17.186	-0.013	17.201	-0.000	17.232	-0.004	17.252	-0.013
11.190	-0.071	11.221	0.074	11.221	0.053	11.259	-0.027	17.275	-0.021	17.289	-0.017	17.329	-0.004	17.361	-0.024
11.279	-0.074	11.313	-0.032	11.337	0.006	11.359	0.006	17.391	-0.024	17.427	0.001	17.456	0.006	17.484	-0.011
11.372	-0.007	11.390	0.001	11.424	-0.032	11.458	0.006	17.516	-0.023	17.556	-0.019	17.582	0.002	17.604	0.006
11.475	-0.066	11.514	-0.050	11.548	-0.033	11.566	-0.042	17.634	0.031	17.663	0.019	17.689	-0.011	17.725	-0.011
11.589	-0.050	11.607	-0.084	11.631	-0.042	11.657	-0.013	17.755	0.001	17.797	0.001	17.818	-0.011	17.840	-0.028
11.667	0.004	11.693	-0.009	11.716	-0.047	11.739	-0.047	17.872	0.002	17.902	-0.029	17.921	0.037	17.969	-0.029
11.764	0.003	11.790	0.041	11.811	0.011	11.834	-0.027	18.006	-0.042	18.024	-0.021	18.060	-0.017	18.111	-0.005
11.860	0.003	11.891	0.007	11.922	-0.010	11.935	-0.018	18.134	-0.013	18.156	-0.001	18.173	0.020	18.197	0.020
11.971	0.011	12.004	0.049	12.036	0.040	12.075	0.019	18.209	0.033	18.230	0.020	18.267	0.011	18.297	0.015
12.111	-0.023	12.147	-0.010	12.183	-0.002	12.208	0.011	18.326	0.007	18.365	-0.015	18.401	-0.007	18.445	0.002
12.226	0.023	12.253	0.019	12.288	0.023	12.307	0.040	18.460	-0.002	18.490	-0.003	18.499	-0.007	18.524	-0.016
12.333	0.040	12.351	0.006	12.371	-0.002	12.392	0.002	18.532	-0.024	18.548	-0.016	18.583	-0.015	18.607	-0.011
12.436	0.014	12.469	0.010	12.489	-0.015	12.518	-0.003	18.628	-0.024	18.648	-0.028	18.659	-0.015	18.681	-0.006
12.539	-0.003	12.567	-0.032	12.600	-0.070	12.622	-0.070	18.721	-0.002	18.764	-0.010	18.797	-0.002	18.823	0.007
12.653	-0.058	12.691	-0.016	12.719	-0.024	12.756	-0.032	18.842	0.003	18.877	-0.001	18.903	0.003	18.911	0.012
12.776	-0.032	12.797	0.001	12.822	-0.031	12.853	-0.003	18.924	0.003	18.943	0.030	18.976	-0.004	19.004	0.017
12.879	-0.003	12.898	-0.044	12.920	-0.061	12.952	-0.018	19.032	0.026	19.053	0.030	19.077	0.018	19.099	0.005
12.987	0.003	13.050	0.004	13.085	0.005	13.109	-0.037	19.117	0.014	19.138	0.027	19.161	0.035	19.169	0.040
13.124	-0.053	13.155	-0.027	13.186	0.019	13.218	0.045	19.190	0.027	19.215	-0.002	19.247	-0.019	19.267	-0.001
13.241	0.037	13.274	0.004	13.298	-0.017	13.323	0.000	19.293	-0.001	19.321	0.016	19.355	0.016	19.386	0.020
13.349	0.026	13.383	0.026	13.405	0.005	13.429	-0.011	19.422	0.032	19.466	0.028	19.502	0.024	19.535	0.037
13.447	0.010	13.468	0.010	13.486	-0.019	13.506	-0.023	19.562	0.015	19.593	0.015	19.634	0.028	19.678	0.024
13.535	-0.036	13.560	-0.036	13.574	-0.023	13.599	-0.031	19.693	0.036	19.726	0.028	19.744	0.015	19.758	0.015
13.632	-0.010	13.659	-0.019	13.689	-0.010	13.757	-0.010	19.786	0.032	19.819	0.032	19.850	0.028	19.876	0.028
13.801	-0.010	13.821	0.007	13.847	0.036	13.865	0.024	19.897	0.015	19.913	0.002	19.935	0.011	19.943	0.015
13.891	0.007	13.926	0.003	13.953	0.007	13.979	0.011	19.982	0.015	20.008	0.002	20.033	0.002	20.063	0.011
14.009	0.053	14.030	0.045	14.056	0.028	14.089	0.016	20.090	-0.006	20.129	-0.002	20.152	0.010	20.196	0.019
14.125	-0.009	14.166	-0.005	14.200	-0.005	14.215	-0.001	20.253	0.015	20.292	0.006	20.314	0.010	20.345	0.006
14.239	0.018	14.270	-0.009	14.290	-0.017	14.309	-0.013	20.367	0.010	20.379	-0.011	20.425	-0.019	20.447	-0.024
14.326	0.020	14.362	0.033	14.378	0.033	14.397	0.004	20.480	-0.011	20.501	0.002	20.537	-0.027	20.563	0.010
14.419	-0.021	14.433	-0.021	14.461	-0.021	14.489	-0.004	20.583	0.002	20.607	-0.011	20.634	-0.027	20.665	-0.023
14.499	-0.017	14.520	-0.030	14.546	-0.025	14.561	-0.017	20.689	-0.014	20.707	-0.014	20.733	-0.031	20.754	-0.044
14.574	0.004	14.589	0.009	14.605	-0.004	14.615	-0.029	20.784	-0.035	20.823	-0.026	20.867	-0.009	20.908	-0.013
14.633	-0.021	14.659	-0.008	14.675	0.004	14.691	0.004	20.944	-0.009	20.972	-0.009	20.991	-0.022	21.030	-0.005
14.714	-0.000	14.732	-0.017	14.753	-0.039	14.776	-0.043	21.063	0.012	21.096	-0.001	21.119	-0.005	21.158	-0.001
14.801	-0.039	14.819	0.007	14.840	0.028	14.873	0.020	21.202	0.008	21.233	0.003	21.293	0.003	21.318	0.012
14.912	0.028	14.938	0.040	14.969	0.027	14.995	0.015	21.359	-0.026	21.409	-0.018	21.432	-0.006	21.452	-0.001
15.036	0.015	15.067	0.010	15.101	0.027	15.132	0.031	21.476	-0.010	21.514	-0.018	21.545	-0.027	21.559	-0.027
15.160	0.035	15.194	0.027	15.220	0.031	15.245	0.031	21.586	0.002	21.628	0.007	21.667	-0.010	21.724	-0.014
15.265	0.014	15.286	-0.007	15.304	-0.002	15.325	0.015	21.775	-0.014	21.816	-0.027	21.853	-0.001	21.875	-0.014
15.349	0.027	15.371	0.007	15.403	-0.018	15.433	-0.006	21.911	-0.022	21.945	-0.010	21.997	-0.018	22.040	-0.001
15.460	-0.022	15.501	-0.022	15.549	-0.027	15.606	-0.023	22.075	-0.001	22.098	-0.013	22.129	-0.009	22.160	0.008
15.645	-0.006	15.684	-0.006	15.712	-0.002	15.741	0.015	22.209	-0.000	22.229	0.008	22.270	0.008	22.301	-0.013
15.767	-0.002	15.821	-0.007	15.900	-0.002	15.936	0.007	22.332	0.008	22.368	0.017	22.412	0.017	22.454	0.017
15.970	0.016	16.001	0.008	16.027	-0.000	16.040	0.017	22.484	-0.008	22.515	-0.012	22.533	0.009	22.567	-0.008
16.056	0.034	16.078	0.043	16.094	0.018	16.112	0.018	22.591	-0.012	22.611	0.009	22.640	0.021	22.673	0.004
16.140	0.023	16.171	0.028	16.194	0.037	16.215	0.012	22.689	-0.021	22.722	-0.004	22.751	-0.013	22.766	0.009
16.236	-0.004	16.277	0.009	16.308	0.022	16.329	0.022	22.800	-0.025	22.817	-0.025	22.845	-0.004	22.900	-0.021
16.363	-0.008	16.381	-0.029	16.406	-0.029	16.434	-0.020	22.934	-0.012	22.985	0.004	23.037	-0.013	23.081	-0.003
16.460	0.005	16.483	0.017	16.506	0.004	16.530	-0.004	23.132	-0.013	23.166	-0.013	23.214	0.004	23.243	0.008
16.564	-0.013	16.608	-0.021	16.641	-0.009	16.690	-0.013	23.289	0.008	23.343	-0.001	23.403	-0.005	23.463	0.003
16.733	-0.026	16.765	-0.017	16.796	-0.026	16.837	-0.013	23.514	0.020	23.571	-0.001	23.594	-0.009	23.633	-0.001
16.873	-0.022	16.896	-0.009	16.922	-0.030	16.935	-0.043	23.749	-0.013	23.785	-0.013	23.705	-0.026	23.728	-0.013
16.961	-0.005	16.989	0.004	17.031	0.004	17.069	0.004	23.775	-0.005	23.775	-0.017	23.814	-0.009	23.847	0.004
17.100	-0.001	17.128	-0.013	17.146	-0.013	17.165	-0.017	23.880	-0.004	23.901	-0.013	23.940	-0.000	23.970	0.008

IE071
71.004 2/9/71 0600PST WHEELER RIDGE EAST

1117 POINTS 29.765 SECONDS									
SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.									
UNITS ARE SEC. G/10.									
THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0419 G/10.									
TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.069	0.015	-0.061	0.028	-0.032	0.041	-0.019	0.054	0.023
0.054	0.023	0.072	0.056	0.085	0.085	0.098	0.101	0.114	0.080
0.114	0.080	0.139	0.054	0.170	0.028	0.193	-0.019	0.207	-0.019
0.207	-0.019	0.222	0.035	0.240	0.085	0.248	0.076	0.263	-0.017
0.263	-0.017	0.282	0.110	0.292	-0.123	0.302	-0.085	0.315	-0.039
0.315	-0.039	0.327	0.007	0.336	0.057	0.343	0.036	0.356	-0.019
0.356	-0.019	0.374	0.070	0.385	-0.058	0.400	-0.054	0.408	-0.046
0.408	-0.046	0.431	-0.046	0.446	-0.022	0.457	0.029	0.469	0.041
0.469	0.041	0.480	0.007	0.498	-0.043	0.508	-0.081	0.519	-0.103
0.519	-0.103	0.532	-0.065	0.549	-0.015	0.562	0.048	0.568	0.128
0.568	0.128	0.570	0.078	0.581	-0.002	0.588	0.048	0.604	0.149
0.604	0.149	0.612	0.212	0.627	0.153	0.643	0.064	0.663	-0.033
0.663	-0.033	0.678	-0.062	0.689	-0.062	0.701	-0.074	0.714	-0.033
0.714	-0.033	0.727	0.049	0.740	-0.049	0.748	0.034	0.759	-0.027
0.759	-0.027	0.781	0.020	0.792	0.075	0.810	0.034	0.830	-0.016
0.830	-0.016	0.838	-0.050	0.851	-0.003	0.865	0.031	0.872	0.061
0.872	0.061	0.898	0.062	0.910	0.083	0.936	0.130	0.950	0.093
0.950	0.093	0.975	0.001	1.006	-0.090	1.027	-0.212	1.039	-0.232
1.039	-0.232	1.053	-0.182	1.066	-0.085	1.079	0.029	1.089	0.139
1.089	0.139	1.104	0.219	1.112	0.173	1.130	0.152	1.137	0.119
1.137	0.119	1.143	0.072	1.159	0.056	1.169	0.094	1.182	0.120
1.182	0.120	1.208	0.124	1.218	0.108	1.236	0.074	1.248	0.016
1.248	0.016	1.261	-0.052	1.270	-0.064	1.295	-0.073	1.313	-0.115
1.313	-0.115	1.334	-0.212	1.341	-0.233	1.355	-0.203	1.375	-0.098
1.375	-0.098	1.391	0.015	1.412	0.078	1.427	0.125	1.444	0.188
1.444	0.188	1.461	0.234	1.478	0.200	1.494	0.150	1.510	0.074
1.510	0.074	1.538	-0.112	1.564	-0.277	1.579	-0.268	1.590	-0.235
1.590	-0.235	1.608	-0.172	1.625	-0.101	1.648	-0.055	1.662	-0.030
1.662	-0.030	1.674	-0.052	1.687	-0.031	1.719	-0.069	1.737	-0.032
1.737	-0.032	1.752	0.060	1.764	0.136	1.773	0.212	1.785	0.216
1.785	0.216	1.798	0.177	1.826	-0.021	1.844	-0.080	1.862	-0.043
1.862	-0.043	1.871	0.007	1.876	0.049	1.889	-0.002	1.904	0.022
1.904	0.022	1.920	-0.137	1.935	-0.091	1.953	-0.041	1.966	0.022
1.966	0.022	1.986	0.055	1.987	0.088	2.002	0.004	2.017	-0.026
2.017	-0.026	2.028	-0.068	2.051	-0.031	2.077	-0.112	2.092	-0.095
2.092	-0.095	2.102	-0.024	2.123	0.060	2.141	0.059	2.160	0.033
2.160	0.033	2.183	-0.030	2.188	-0.064	2.216	-0.034	2.234	-0.047
2.234	-0.047	2.250	-0.114	2.262	-0.077	2.281	0.003	2.299	0.058
2.299	0.058	2.315	0.058	2.329	-0.027	2.347	-0.027	2.366	0.003
2.366	0.003	2.387	-0.065	2.409	-0.099	2.428	-0.174		

2.441	-0.132	2.454	-0.015	2.474	0.137	2.490	0.175	6.473	-0.012	6.476	-0.020	6.489	0.026	6.510	0.047
2.498	0.137	2.508	-0.019	2.518	-0.019	2.533	0.057	6.532	0.005	6.545	-0.020	6.571	-0.016	6.595	-0.029
2.544	0.048	2.560	-0.045	2.569	-0.045	2.585	-0.032	6.613	-0.012	6.646	-0.012	6.666	0.001	6.690	0.022
2.601	0.031	2.621	-0.036	2.629	-0.083	2.645	-0.049	6.718	0.073	6.729	0.110	6.746	0.098	6.759	0.072
2.662	0.073	2.675	0.174	2.688	0.203	2.699	0.140	6.783	0.030	6.821	-0.017	6.821	-0.071	6.839	-0.080
2.714	0.014	2.727	-0.083	2.738	-0.100	2.751	-0.079	6.858	-0.042	6.878	0.004	6.891	0.037	6.907	-0.018
2.760	-0.012	2.774	0.039	2.784	0.094	2.800	0.001	6.930	-0.064	6.950	-0.056	6.971	-0.035	6.994	0.003
2.807	-0.020	2.827	0.077	2.841	0.102	2.856	0.072	7.008	-0.035	7.030	-0.052	7.044	-0.015	7.064	0.027
2.874	0.017	2.889	-0.079	2.902	-0.012	2.916	0.089	7.075	0.044	7.093	0.010	7.126	0.035	7.133	0.014
2.923	0.127	2.943	0.085	2.951	0.084	2.975	0.072	7.152	-0.016	7.172	0.018	7.200	0.064	7.226	0.042
2.988	0.004	3.003	-0.055	3.023	-0.130	3.034	-0.101	7.263	0.042	7.283	0.008	7.314	-0.013	7.337	-0.051
3.050	-0.046	3.076	-0.004	3.094	-0.033	3.116	0.034	7.355	-0.081	7.369	-0.022	7.387	0.024	7.415	-0.002
3.135	-0.012	3.152	-0.031	3.176	-0.028	3.214	-0.129	7.435	-0.036	7.449	-0.078	7.464	-0.070	7.479	-0.024
3.230	-0.061	3.254	0.095	3.267	0.057	3.272	-0.056	7.487	0.027	7.500	-0.003	7.518	-0.049	7.531	-0.066
3.295	-0.178	3.325	-0.068	3.338	-0.068	3.344	-0.119	7.551	-0.024	7.565	-0.004	7.573	0.013	7.590	0.000
3.367	-0.064	3.383	-0.106	3.400	-0.084	3.424	-0.000	7.603	-0.033	7.622	-0.057	7.640	-0.034	7.657	-0.000
3.447	-0.034	3.468	-0.017	3.491	-0.054	3.506	-0.012	7.671	0.046	7.683	0.079	7.699	0.050	7.717	-0.014
3.524	-0.042	3.547	0.043	3.556	0.060	3.573	-0.033	7.734	-0.039	7.755	0.011	7.779	0.049	7.799	0.002
3.583	-0.054	3.601	0.009	3.609	0.051	3.638	-0.108	7.827	-0.014	7.849	0.015	7.890	0.062	7.916	0.037
3.646	-0.129	3.677	-0.079	3.697	-0.112	3.731	0.014	7.936	0.007	7.951	0.075	7.962	0.096	7.983	0.020
3.739	0.044	3.757	-0.015	3.772	-0.010	3.795	-0.028	7.995	-0.013	8.021	0.004	8.040	0.012	8.063	-0.064
3.821	-0.019	3.846	0.002	3.863	-0.023	3.883	-0.074	8.094	-0.080	8.109	-0.034	8.119	-0.009	8.143	-0.072
3.909	0.018	3.921	0.018	3.944	-0.041	3.965	0.001	8.166	-0.160	8.181	-0.135	8.196	-0.038	8.218	0.047
3.997	0.039	4.012	0.018	4.027	0.047	4.043	0.060	8.245	0.043	8.264	0.030	8.285	0.001	8.307	-0.016
4.077	0.076	4.084	0.089	4.110	-0.025	4.118	-0.042	8.336	-0.096	8.349	-0.062	8.370	0.031	8.396	0.127
4.154	0.055	4.174	0.084	4.200	0.058	4.223	0.041	8.410	0.069	8.426	-0.011	8.447	-0.028	8.475	-0.036
4.241	0.058	4.262	0.020	4.280	-0.048	4.313	-0.010	8.503	-0.002	8.532	0.036	8.553	0.107	8.576	0.090
4.327	-0.053	4.357	-0.095	4.363	-0.041	4.384	0.022	8.596	0.019	8.612	-0.002	8.637	-0.002	8.674	-0.032
4.419	-0.008	4.450	-0.042	4.481	-0.135	4.492	-0.148	8.689	0.002	8.715	0.055	8.726	0.107	8.739	0.065
4.510	-0.127	4.526	-0.051	4.556	0.011	4.580	0.049	8.772	-0.015	8.792	-0.103	8.805	-0.120	8.823	-0.057
4.615	0.061	4.642	0.019	4.665	-0.049	4.685	0.070	8.844	0.040	8.857	0.086	8.870	0.040	8.891	-0.065
4.708	-0.057	4.744	-0.074	4.773	-0.037	4.783	0.024	8.909	-0.048	8.922	-0.023	8.952	-0.082	8.968	-0.107
4.796	0.052	4.811	0.018	4.829	-0.028	4.843	0.014	8.986	-0.061	9.015	0.023	9.035	0.086	9.055	0.044
4.873	-0.041	4.899	0.001	4.905	-0.025	4.923	0.017	9.076	-0.027	9.087	-0.037	9.113	-0.053	9.139	-0.011
4.944	-0.033	4.953	-0.050	4.971	-0.030	4.985	0.059	9.174	0.040	9.192	0.040	9.223	0.010	9.265	-0.049
4.998	0.021	5.029	-0.101	5.042	-0.084	5.059	-0.055	9.285	-0.024	9.327	0.018	9.375	0.048	9.394	0.060
5.083	-0.059	5.096	-0.029	5.121	0.001	5.122	-0.016	9.424	0.031	9.461	0.005	9.491	-0.003	9.510	-0.045
5.131	-0.071	5.150	-0.024	5.163	-0.045	5.193	-0.090	9.531	-0.020	9.559	0.047	9.582	0.085	9.629	-0.016
5.201	-0.107	5.219	-0.065	5.240	0.012	5.273	0.071	9.660	0.022	9.700	-0.036	9.721	-0.020	9.758	0.073
5.294	0.072	5.312	0.051	5.327	-0.016	5.348	-0.058	9.811	-0.065	9.838	-0.057	9.871	-0.023	9.887	-0.027
5.363	-0.036	5.379	0.015	5.395	0.057	5.411	0.116	9.913	-0.056	9.948	0.003	9.962	-0.006	9.989	-0.060
5.428	0.129	5.441	0.100	5.464	0.063	5.478	0.013	10.020	-0.064	10.047	-0.022	10.083	0.075	10.103	0.050
5.490	-0.038	5.508	-0.100	5.513	-0.109	5.526	-0.075	10.124	-0.009	10.145	0.034	10.167	0.033	10.193	-0.034
5.544	-0.011	5.568	0.040	5.565	0.052	5.578	0.006	10.219	0.025	10.248	0.050	10.269	0.029	10.304	-0.029
5.593	-0.048	5.606	-0.039	5.624	-0.001	5.642	0.012	10.327	-0.076	10.349	-0.021	10.369	0.051	10.398	-0.017
5.658	-0.005	5.676	-0.013	5.704	-0.008	5.730	0.014	10.416	-0.042	10.433	-0.009	10.459	0.042	10.485	-0.026
5.751	0.001	5.767	-0.032	5.789	-0.023	5.807	-0.019	10.509	-0.055	10.526	-0.068	10.555	-0.001	10.575	-0.030
5.826	0.015	5.841	0.024	5.852	-0.018	5.875	-0.034	10.603	-0.039	10.629	-0.026	10.656	-0.014	10.674	-0.035
5.893	-0.026	5.919	-0.004	5.944	0.005	5.959	-0.033	10.697	-0.035	10.720	-0.001	10.748	0.015	10.758	0.041
5.970	-0.058	5.990	-0.003	6.012	0.065	6.030	0.044	10.771	-0.006	10.794	-0.048	10.820	-0.031	10.848	0.002
6.048	0.044	6.070	0.045	6.089	0.037	6.109	0.034	10.864	0.036	10.880	0.015	10.903	-0.019	10.936	-0.002
6.128	0.057	6.153	0.088	6.168	0.059	6.185	-0.008	10.957	0.036	10.975	0.014	10.999	-0.019	11.034	0.006
6.212	-0.076	6.225	-0.084	6.244	-0.050	6.257	0.017	11.066	0.044	11.097	0.027	11.138	-0.045	11.161	-0.037
6.267	0.055	6.283	0.025	6.300	-0.012	6.318	-0.008	11.197	-0.003	11.234	0.039	11.257	0.013	11.288	-0.004
6.342	0.000	6.372	0.000	6.383	-0.025	6.401	-0.021	11.316	-0.012	11.341	-0.021	11.365	-0.008	11.401	-0.004
6.421	-0.012	6.434	0.022	6.440	0.051	6.457	0.026	11.432	0.013	11.465	-0.004	11.504	-0.021	11.532	-0.029

11.551	-0.037	11.568	0.013	11.597	0.068	11.628	0.047	19.621	-0.016	19.662	-0.037	19.700	-0.024	19.766	-0.024
11.657	0.030	11.682	0.022	11.706	0.005	11.736	-0.033	19.811	-0.003	19.846	-0.003	19.895	0.001	19.931	0.005
11.770	-0.033	11.796	-0.024	11.817	-0.016	11.844	-0.003	19.958	-0.016	19.977	-0.016	20.002	0.001	20.039	0.018
11.863	0.014	11.894	0.030	11.924	0.013	11.973	0.000	20.065	0.018	20.095	0.005	20.140	-0.007	20.167	-0.016
12.008	-0.012	12.036	0.004	12.064	-0.004	12.095	-0.017	20.206	0.010	20.274	0.010	20.314	-0.006	20.366	-0.005
12.136	-0.005	12.170	0.020	12.203	-0.014	12.237	-0.001	20.425	-0.004	20.483	0.003	20.539	-0.003	20.588	-0.002
12.273	-0.014	12.312	-0.074	12.345	-0.053	12.387	-0.033	20.622	-0.023	20.666	0.003	20.707	-0.005	20.735	0.008
12.435	-0.034	12.474	0.034	12.515	-0.010	12.538	0.036	20.766	0.017	20.812	0.005	20.874	0.010	20.921	0.015
12.562	0.065	12.583	0.027	12.616	0.005	12.642	-0.016	20.955	0.003	20.996	0.003	21.045	0.004	21.094	0.005
12.667	0.000	12.699	0.029	12.730	0.028	12.756	0.011	21.163	0.014	21.230	-0.001	21.282	-0.000	21.326	0.001
12.782	-0.019	12.805	-0.065	12.825	-0.036	12.848	-0.011	21.381	-0.007	21.452	0.007	21.492	0.016	21.542	0.025
12.880	-0.011	12.908	-0.007	12.936	-0.028	12.956	-0.016	21.559	0.022	21.587	0.014	21.620	0.014	21.651	0.031
12.980	-0.003	13.023	-0.012	13.073	-0.021	13.109	-0.073	21.677	0.035	21.711	0.027	21.752	0.023	21.804	0.014
13.145	-0.038	13.186	-0.034	13.220	-0.034	13.240	-0.043	21.857	0.010	21.902	0.011	21.943	0.006	21.982	0.015
13.272	-0.026	13.308	-0.017	13.334	-0.012	13.367	0.001	22.023	0.023	22.064	0.023	22.103	0.019	22.157	0.006
13.408	-0.006	13.429	0.007	13.475	0.012	13.516	0.000	22.198	0.009	22.217	0.022	22.255	0.022	22.296	0.013
13.539	-0.012	13.560	0.014	13.576	0.035	13.602	0.036	22.335	0.009	22.361	-0.000	22.397	-0.017	22.433	0.008
13.625	0.015	13.641	-0.010	13.666	-0.026	13.684	-0.009	22.446	0.029	22.471	0.024	22.495	0.020	22.510	0.003
13.712	0.000	13.762	0.018	13.785	0.006	13.816	0.007	22.549	-0.006	22.573	-0.027	22.595	-0.018	22.614	-0.027
13.841	0.003	13.870	0.008	13.906	0.009	13.942	0.002	22.627	-0.023	22.652	-0.023	22.678	-0.015	22.707	-0.024
13.968	0.031	13.992	0.011	14.017	0.003	14.051	0.015	22.745	-0.024	22.765	-0.024	22.810	-0.025	22.825	-0.021
14.077	0.028	14.115	0.045	14.148	0.032	14.180	0.011	22.854	-0.026	22.894	-0.018	22.926	-0.026	22.947	-0.031
14.221	-0.010	14.241	-0.002	14.282	0.024	14.311	0.011	22.985	-0.019	23.008	-0.002	23.058	0.006	23.103	0.005
14.329	-0.006	14.373	-0.023	14.406	-0.002	14.433	0.023	23.152	0.004	23.178	0.008	23.217	0.016	23.272	0.016
14.471	0.027	14.513	0.018	14.553	0.013	14.577	-0.004	23.320	0.015	23.347	0.009	23.385	0.032	23.431	0.023
14.603	-0.013	14.646	-0.022	14.690	-0.022	14.721	-0.023	23.483	0.010	23.527	0.002	23.571	0.014	23.612	0.018
14.739	-0.006	14.760	-0.032	14.784	-0.057	14.807	-0.045	23.664	0.018	23.712	0.014	23.751	0.014	23.803	0.018
14.833	-0.024	14.860	-0.011	14.892	-0.032	14.927	-0.036	23.857	0.013	23.906	0.005	23.958	0.009	23.979	0.009
14.964	-0.041	15.020	-0.040	15.072	-0.028	15.106	-0.036	24.051	0.017	24.099	0.001	24.144	-0.007	24.172	0.006
15.147	-0.032	15.201	0.010	15.235	0.027	15.255	0.010	24.200	0.006	24.242	0.002	24.267	0.003	24.295	0.007
15.274	-0.032	15.336	-0.006	15.405	0.012	15.451	0.025	24.334	0.003	24.362	0.012	24.384	0.021	24.406	0.030
15.503	0.013	15.531	0.005	15.573	0.030	15.604	0.022	24.524	0.013	24.548	-0.004	24.573	-0.007	24.595	0.005
15.632	0.014	15.666	0.010	15.705	-0.006	15.759	0.003	24.520	0.018	24.540	0.023	24.553	0.015	24.569	0.023
15.810	0.016	15.846	0.016	15.883	0.011	15.919	0.007	24.605	0.007	24.628	0.007	24.644	0.003	24.667	-0.005
15.947	0.007	15.980	0.007	16.016	-0.006	16.048	-0.023	24.691	-0.005	24.716	-0.004	24.744	0.013	24.776	0.005
16.084	-0.025	16.146	-0.045	16.181	-0.037	16.220	-0.024	24.843	-0.003	24.899	-0.007	24.936	-0.007	24.964	-0.020
16.280	-0.042	16.321	-0.046	16.359	-0.029	16.388	-0.025	24.980	-0.019	25.005	-0.015	25.044	0.006	25.072	0.011
16.427	-0.005	16.473	-0.026	16.510	-0.052	16.548	-0.005	25.109	0.007	25.131	0.007	25.157	0.007	25.178	0.003
16.579	-0.010	16.630	0.010	16.669	-0.011	16.705	-0.002	25.196	-0.006	25.230	-0.010	25.243	-0.001	25.258	-0.001
16.742	0.018	16.788	0.052	16.826	0.035	16.852	0.027	25.287	0.008	25.315	-0.001	25.328	-0.001	25.363	-0.005
16.893	0.023	16.945	0.012	16.995	0.012	17.026	0.004	25.398	-0.004	25.425	-0.004	25.443	0.004	25.483	0.012
17.064	-0.021	17.077	-0.029	17.115	-0.007	17.160	-0.011	25.508	0.029	25.545	0.017	25.573	-0.013	25.593	-0.013
17.206	-0.019	17.245	-0.010	17.280	-0.026	17.317	-0.034	25.620	-0.000	25.640	0.008	25.674	0.017	25.699	0.017
17.361	-0.050	17.399	-0.041	17.443	-0.041	17.467	-0.049	25.725	0.013	25.766	0.013	25.798	0.013	25.872	0.013
17.505	-0.035	17.587	-0.034	17.636	-0.025	17.676	-0.037	25.919	0.017	25.959	0.026	25.986	0.005	26.011	0.005
17.719	-0.024	17.755	-0.015	17.791	-0.014	17.820	-0.031	26.035	0.013	26.070	0.013	26.094	0.009	26.123	0.014
17.858	-0.018	17.903	0.013	17.951	0.034	17.983	0.027	26.163	0.005	26.187	0.018	26.207	0.030	26.248	0.047
18.018	0.006	18.050	0.002	18.081	0.003	18.130	0.012	26.270	0.034	26.293	0.026	26.323	0.021	26.354	0.025
18.166	-0.013	18.212	-0.012	18.238	-0.004	18.289	-0.008	26.391	0.034	26.435	0.046	26.470	0.029	26.501	0.037
18.325	-0.008	18.365	0.005	18.410	0.018	18.450	0.009	26.537	0.041	26.555	0.033	26.584	0.041	26.607	0.045
18.475	0.001	18.532	0.018	18.592	0.037	18.648	0.026	26.633	0.049	26.646	0.040	26.661	0.053	26.690	0.040
18.707	0.026	18.751	0.038	18.818	0.037	18.872	0.037	26.716	0.044	26.737	0.044	26.764	0.040	26.788	0.040
18.911	0.028	18.983	0.019	19.040	0.027	19.072	0.014	26.806	0.015	26.834	0.036	26.855	0.044	26.891	0.044
19.099	0.018	19.126	0.031	19.164	0.026	19.259	0.014	26.911	0.035	26.940	0.022	26.958	0.022	26.982	0.043
19.329	0.010	19.344	0.001	19.383	-0.007	19.428	-0.016	27.022	0.035	27.045	0.014	27.118	0.022	27.149	0.009
19.468	-0.024	19.500	-0.007	19.544	0.010	19.577	0.001	27.173	0.009	27.219	0.009	27.239	0.025	27.266	-0.004

1E071
71.004 2/9/71 0600PST WHEELER RIDGE DOWN

1077 POINTS		29.753 SECONDS	
SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.			
UNITS ARE SEC, G/10.			
THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0268 G/10.			
TIME	ACCLN	TIME	ACCLN
0.0	-0.005	0.020	0.025
0.067	0.059	0.083	0.034
0.127	-0.020	0.145	0.006
0.178	0.036	0.194	-0.031
0.217	-0.106	0.238	-0.030
0.284	0.021	0.302	0.021
0.338	-0.041	0.346	-0.024
0.380	0.065	0.389	0.065
0.425	-0.048	0.439	-0.048
0.493	0.050	0.518	0.034
0.570	0.039	0.589	0.027
0.647	0.019	0.674	-0.022
0.722	-0.059	0.759	0.055
0.800	-0.050	0.820	-0.079
0.908	0.032	0.923	-0.058
1.004	-0.018	1.016	-0.043
1.094	0.022	1.125	0.079
1.202	0.041	1.225	-0.023
1.290	0.045	1.308	0.028
1.386	0.002	1.396	-0.040
1.470	-0.006	1.491	-0.044
1.563	-0.024	1.589	-0.024
1.648	0.153	1.661	0.102
1.715	-0.024	1.747	0.034
1.837	-0.025	1.839	-0.017
1.906	-0.008	1.927	0.084
1.976	0.029	2.007	-0.046
2.071	0.072	2.082	0.059
2.142	0.038	2.151	0.084
2.196	-0.059	2.227	-0.004
2.312	0.014	2.340	-0.045
2.378	-0.007	2.387	-0.082
2.461	-0.031	2.476	-0.048
2.528	-0.022	2.552	0.020
2.649	-0.038	2.673	-0.038
2.711	-0.021	2.732	0.038
2.791	-0.046	2.812	0.004
2.874	-0.067	2.890	-0.038
2.969	-0.109	2.985	-0.097
3.037	-0.009	3.065	-0.034
3.130	-0.025	3.098	-0.067
3.281	-0.038	3.364	0.069
3.421	-0.034	3.502	-0.022
3.581	-0.029	3.685	-0.055
3.776	-0.042	3.838	-0.055
3.946	-0.038	4.008	-0.008
4.021	-0.034	4.137	-0.021
4.262	-0.042	4.333	-0.045
4.433	-0.002	4.510	-0.066
4.639	0.111	4.613	0.018
4.702	-0.050	4.688	-0.007
4.798	-0.021	4.759	0.017
4.884	-0.042	4.876	-0.050
4.960	0.067	4.945	0.072
5.043	0.025	5.020	-0.038
5.120	-0.017	5.103	0.038
5.182	-0.076	5.165	0.021
5.281	0.055	5.255	0.055
5.364	0.069	5.355	0.052
5.431	-0.052	5.412	-0.023
5.516	-0.022	5.502	0.016
5.611	0.029	5.582	-0.017
5.698	-0.063	5.685	-0.055
5.776	-0.042	5.747	0.029
5.861	-0.029	5.838	0.008
5.946	-0.038	5.916	0.063
6.021	-0.034	6.008	-0.025
6.130	-0.025	6.098	-0.067

3.150	-0.072	3.169	-0.030	3.184	-0.043	3.220	0.012	8.398	0.015	8.434	-0.006	8.455	-0.027	8.481	0.033
3.236	0.008	3.253	-0.022	3.285	0.003	3.300	0.033	8.506	-0.009	8.545	-0.042	8.560	-0.042	8.602	-0.021
3.320	-0.005	3.347	-0.048	3.377	0.003	3.418	-0.099	8.630	-0.037	8.661	-0.016	8.681	-0.019	8.703	0.073
3.381	-0.015	3.488	-0.006	3.516	-0.065	3.521	0.005	8.720	0.061	8.754	0.002	8.767	-0.019	8.782	-0.023
3.543	-0.031	3.566	0.023	3.594	-0.006	3.612	-0.023	8.800	-0.014	8.828	0.045	8.839	0.045	8.860	0.004
3.640	0.028	3.654	-0.001	3.666	0.058	3.707	-0.085	8.870	-0.022	8.886	-0.000	8.904	0.034	8.924	0.000
3.733	-0.047	3.769	-0.098	3.789	0.020	3.810	-0.026	8.942	-0.012	8.961	0.001	8.981	0.005	9.004	-0.003
3.890	0.088	3.880	-0.017	3.899	0.004	3.919	0.055	9.027	-0.020	9.041	-0.028	9.056	-0.019	9.099	0.015
3.944	0.017	3.971	-0.021	3.997	-0.012	3.999	0.004	9.104	-0.019	9.118	-0.044	9.144	-0.014	9.170	0.020
4.019	-0.046	4.041	-0.016	4.063	0.022	4.076	-0.087	9.192	0.003	9.211	-0.026	9.236	-0.030	9.254	-0.005
4.095	-0.096	4.108	-0.066	4.135	-0.092	4.151	-0.012	9.282	0.033	9.299	0.017	9.317	0.000	9.337	-0.029
4.169	-0.066	4.188	-0.079	4.203	-0.066	4.228	-0.003	9.348	0.009	9.376	0.022	9.420	0.018	9.438	-0.011
4.242	0.039	4.268	0.123	4.280	-0.102	4.295	0.027	9.458	-0.045	9.477	-0.032	9.492	0.016	9.518	-0.019
4.314	0.001	4.339	-0.049	4.366	-0.062	4.396	-0.087	9.540	-0.027	9.569	0.015	9.584	0.016	9.608	-0.014
4.412	-0.057	4.435	0.002	4.456	0.027	4.458	0.018	9.628	-0.039	9.649	-0.026	9.680	-0.013	9.711	-0.008
4.510	-0.049	4.528	-0.078	4.546	-0.053	4.567	-0.053	9.734	0.038	9.755	0.080	9.770	0.047	9.798	0.005
4.587	-0.002	4.608	-0.019	4.628	-0.019	4.652	-0.002	9.812	0.039	9.845	0.069	9.861	0.064	9.889	0.023
4.670	0.023	4.696	0.002	4.703	-0.032	4.724	-0.019	9.915	-0.015	9.938	0.006	9.967	0.040	9.989	0.040
4.742	0.027	4.758	0.040	4.781	-0.036	4.789	-0.065	10.010	0.007	10.031	0.016	10.060	0.033	10.075	0.033
4.806	-0.032	4.822	0.032	4.842	0.040	4.864	0.019	10.098	0.008	10.124	-0.021	10.140	-0.009	10.176	-0.017
4.874	0.023	4.899	-0.027	4.918	0.023	4.946	-0.027	10.199	0.013	10.242	0.009	10.287	-0.003	10.330	-0.011
4.969	-0.074	4.980	-0.095	4.989	-0.111	5.005	-0.061	10.359	-0.024	10.398	-0.045	10.420	-0.028	10.444	-0.002
5.026	0.019	5.036	0.057	5.042	0.057	5.064	0.015	10.475	-0.010	10.505	-0.027	10.562	-0.010	10.593	-0.005
5.091	-0.015	5.106	-0.002	5.127	-0.015	5.139	-0.027	10.609	-0.005	10.642	-0.030	10.656	-0.060	10.683	-0.051
5.162	0.006	5.188	0.044	5.202	0.040	5.222	-0.006	10.714	-0.005	10.754	-0.030	10.790	-0.046	10.821	-0.029
5.248	-0.061	5.261	-0.082	5.274	-0.044	5.291	0.023	10.862	-0.016	10.896	-0.046	10.916	-0.012	10.949	0.014
5.305	0.011	5.322	0.007	5.346	0.002	5.364	0.019	10.978	0.026	11.008	0.048	11.032	0.048	11.048	0.035
5.382	0.040	5.390	0.032	5.410	0.015	5.431	-0.002	11.068	0.010	11.083	0.002	11.099	0.023	11.127	0.052
5.444	-0.023	5.480	-0.036	5.513	-0.036	5.527	0.006	11.145	0.027	11.166	0.006	11.186	0.036	11.210	0.044
5.568	-0.003	5.596	-0.020	5.621	-0.016	5.642	0.010	11.225	0.036	11.246	0.019	11.259	0.006	11.269	-0.010
5.689	-0.003	5.709	-0.029	5.764	-0.020	5.807	-0.020	11.288	0.015	11.319	0.028	11.365	0.028	11.381	0.019
5.843	-0.016	5.875	0.013	5.900	0.012	5.919	0.003	11.401	-0.018	11.419	0.003	11.444	0.028	11.478	0.007
5.944	-0.064	5.980	-0.031	5.999	-0.006	6.014	-0.040	11.502	-0.024	11.551	0.003	11.589	0.016	11.626	0.011
6.056	0.010	6.091	-0.025	6.115	-0.004	6.130	-0.008	11.657	0.024	11.685	0.032	11.713	0.007	11.734	0.015
6.150	0.050	6.186	-0.009	6.207	0.020	6.228	0.036	11.772	-0.001	11.801	-0.010	11.822	-0.006	11.839	-0.023
6.254	0.023	6.298	-0.011	6.346	-0.012	6.401	-0.013	11.875	-0.010	11.930	-0.006	11.961	-0.014	11.994	0.003
6.417	-0.017	6.440	-0.072	6.448	-0.043	6.492	-0.044	12.018	-0.010	12.031	0.003	12.064	0.015	12.084	0.032
6.525	-0.044	6.553	-0.074	6.566	-0.057	6.590	-0.032	12.106	-0.002	12.131	0.024	12.157	0.011	12.182	0.023
6.604	-0.033	6.626	0.001	6.644	0.005	6.664	-0.038	12.204	0.007	12.221	0.023	12.244	0.036	12.257	0.044
6.695	-0.055	6.724	-0.064	6.757	-0.014	6.773	0.003	12.275	0.036	12.288	0.023	12.309	0.040	12.333	0.056
6.796	-0.006	6.816	-0.032	6.842	-0.006	6.878	-0.047	12.348	0.069	12.368	0.048	12.387	0.026	12.410	0.001
6.894	-0.041	6.919	-0.067	6.973	-0.055	6.997	-0.047	12.423	0.014	12.456	0.030	12.484	0.021	12.498	0.030
7.013	-0.009	7.028	0.028	7.041	0.020	7.057	-0.031	12.515	0.004	12.534	0.029	12.554	0.029	12.588	0.012
7.092	0.032	7.121	-0.040	7.139	-0.036	7.167	-0.011	12.619	0.029	12.649	0.020	12.668	0.007	12.685	0.020
7.198	0.018	7.234	-0.037	7.258	-0.054	7.284	-0.021	12.699	-0.006	12.712	-0.018	12.729	-0.023	12.748	-0.010
7.311	-0.030	7.355	-0.013	7.361	-0.034	7.394	-0.060	12.769	0.011	12.792	-0.002	12.825	-0.007	12.849	0.018
7.410	-0.039	7.433	-0.002	7.449	0.036	7.467	0.011	12.879	0.003	12.913	-0.020	12.928	-0.033	12.949	-0.016
7.492	-0.011	7.493	-0.023	7.511	-0.002	7.539	0.014	12.988	-0.004	13.011	0.004	13.036	0.021	13.068	0.008
7.567	-0.007	7.593	-0.003	7.611	-0.029	7.624	-0.050	13.096	-0.004	13.116	0.004	13.143	-0.004	13.169	0.008
7.647	-0.024	7.670	-0.012	7.691	-0.063	7.724	-0.033	13.196	-0.030	13.215	-0.017	13.261	-0.009	13.310	0.003
7.756	-0.016	7.787	-0.058	7.807	-0.062	7.825	-0.041	13.341	-0.005	13.372	-0.018	13.411	-0.018	13.434	0.007
7.849	-0.041	7.872	-0.024	7.902	-0.012	7.926	-0.024	13.476	0.019	13.514	0.024	13.547	0.007	13.573	-0.019
7.959	-0.033	7.975	-0.003	7.995	0.039	8.005	0.009	13.614	-0.036	13.635	-0.019	13.659	-0.002	13.687	0.006
8.036	-0.005	8.068	-0.041	8.093	-0.012	8.116	-0.003	13.720	0.014	13.744	0.006	13.757	0.031	13.777	0.018
8.138	-0.045	8.166	-0.020	8.192	-0.003	8.210	-0.003	13.801	0.022	13.816	0.014	13.831	0.022	13.849	0.035
8.241	0.010	8.289	0.039	8.318	0.026	8.369	0.014	13.883	0.031	13.906	0.043	13.937	0.030	13.973	0.043

14.006	0.030	14.045	0.009	14.071	0.017	14.086	0.005	20.634	-0.010	20.681	-0.001	20.710	-0.005	20.745	-0.009
14.108	-0.021	14.138	-0.029	14.162	-0.046	14.184	-0.025	20.779	-0.017	20.807	-0.005	20.878	0.004	20.903	0.013
14.206	0.004	14.221	0.021	14.242	0.000	14.272	0.025	20.941	0.017	21.001	0.008	21.083	0.004	21.140	0.008
14.295	0.013	14.326	-0.013	14.366	-0.038	14.391	-0.025	21.225	0.008	21.264	-0.000	21.341	0.012	21.380	-0.009
14.424	-0.013	14.442	-0.034	14.474	-0.047	14.507	-0.022	21.403	0.012	21.434	0.008	21.453	0.012	21.492	0.024
14.530	-0.038	14.561	-0.026	14.589	-0.009	14.615	-0.026	21.515	0.020	21.548	0.008	21.582	0.020	21.602	0.008
14.647	-0.013	14.686	-0.005	14.766	0.004	14.731	-0.009	21.620	0.016	21.663	0.037	21.670	0.016	21.697	0.017
14.745	-0.031	14.768	-0.026	14.802	-0.017	14.824	0.008	21.726	0.025	21.760	0.029	21.791	0.017	21.829	0.030
14.850	0.021	14.902	0.029	14.948	0.042	14.985	0.029	21.844	0.030	21.876	0.034	21.897	0.026	21.927	0.034
15.015	0.046	15.044	0.025	15.064	0.008	15.088	0.038	21.959	0.034	21.999	0.030	22.031	0.030	22.074	0.018
15.124	0.046	15.142	0.038	15.181	0.034	15.199	0.042	22.118	0.022	22.144	0.031	22.190	0.026	22.221	0.010
15.216	0.025	15.242	0.013	15.273	-0.008	15.296	0.000	22.262	0.001	22.314	0.014	22.364	0.005	22.386	0.005
15.336	0.026	15.382	0.034	15.403	0.017	15.446	0.026	22.412	0.005	22.438	0.005	22.480	-0.003	22.508	0.010
15.464	0.013	15.487	0.014	15.516	-0.012	15.539	0.001	22.544	0.022	22.575	0.018	22.608	0.010	22.639	-0.007
15.557	0.010	15.581	-0.015	15.598	-0.024	15.621	-0.019	22.681	-0.024	22.719	-0.011	22.758	-0.011	22.776	-0.020
15.642	-0.006	15.671	-0.027	15.702	-0.014	15.728	0.007	22.817	-0.032	22.851	-0.016	22.884	-0.041	22.913	-0.028
15.748	0.003	15.767	-0.006	15.802	-0.005	15.830	-0.018	22.947	-0.016	22.985	-0.024	23.039	-0.020	23.080	-0.025
15.844	-0.043	15.865	-0.022	15.893	0.008	15.924	-0.000	23.119	-0.025	23.155	-0.008	23.194	-0.025	23.243	-0.025
15.967	-0.013	16.003	0.005	16.035	0.001	16.056	0.009	23.295	-0.025	23.351	-0.013	23.398	-0.013	23.431	0.004
16.086	0.018	16.127	0.014	16.148	-0.007	16.182	-0.028	23.463	-0.005	23.503	0.008	23.530	0.012	23.570	-0.009
16.218	-0.032	16.246	-0.019	16.290	0.015	16.328	-0.006	23.615	0.008	23.646	0.008	23.699	0.008	23.730	0.000
16.357	-0.015	16.390	0.006	16.426	0.002	16.453	0.015	23.749	0.013	23.779	0.021	23.795	0.021	23.818	0.026
16.486	0.011	16.519	0.003	16.577	0.003	16.610	-0.005	23.852	0.030	23.888	0.022	23.916	0.022	23.960	0.022
16.649	-0.022	16.672	-0.035	16.715	-0.026	16.750	-0.039	23.991	0.035	24.007	0.023	24.037	0.019	24.068	0.019
16.777	-0.060	16.803	-0.030	16.840	-0.030	16.853	-0.030	24.108	0.019	24.130	0.036	24.154	0.036	24.197	0.028
16.878	-0.038	16.893	-0.026	16.925	-0.032	16.953	-0.021	24.236	0.020	24.278	0.032	24.299	0.020	24.327	0.020
16.989	-0.030	17.009	-0.047	17.030	-0.030	17.053	-0.021	24.358	0.020	24.383	0.025	24.402	0.021	24.430	0.021
17.080	-0.021	17.095	-0.009	17.121	-0.025	17.142	-0.012	24.463	0.021	24.474	0.004	24.495	0.008	24.520	0.021
17.169	-0.013	17.193	-0.004	17.226	-0.017	17.249	-0.012	24.549	0.030	24.590	0.030	24.621	0.030	24.655	0.022
17.273	-0.033	17.304	-0.016	17.338	-0.004	17.368	0.013	24.696	0.014	24.724	0.031	24.755	0.018	24.811	0.027
17.400	0.030	17.435	0.030	17.467	0.022	17.495	-0.003	24.860	0.014	24.900	0.023	24.918	0.018	24.961	0.018
17.528	0.014	17.564	0.010	17.591	0.022	17.642	0.006	24.992	0.014	25.021	0.019	25.052	0.010	25.096	0.002
17.678	0.006	17.711	0.023	17.738	-0.002	17.766	-0.006	25.136	0.019	25.163	0.015	25.198	0.006	25.220	0.002
17.792	-0.006	17.820	-0.006	17.858	0.019	17.894	0.011	25.245	0.010	25.284	0.019	25.323	0.006	25.351	-0.002
17.957	-0.002	18.008	-0.006	18.052	0.007	18.106	-0.018	25.372	-0.015	25.411	0.006	25.451	0.007	25.474	-0.002
18.145	0.003	18.163	-0.018	18.187	0.003	18.202	-0.014	25.516	0.007	25.565	0.007	25.601	-0.001	25.645	0.003
18.225	0.003	18.249	-0.014	18.349	-0.005	18.369	-0.001	25.683	0.003	25.740	-0.005	25.776	-0.014	25.800	-0.009
18.310	0.003	18.331	-0.014	18.429	-0.003	18.441	-0.018	25.834	0.008	25.852	-0.009	25.877	-0.009	25.993	-0.013
18.393	-0.010	18.413	-0.014	18.494	-0.009	18.511	-0.014	25.919	0.012	25.941	-0.000	25.962	-0.000	26.148	0.004
18.472	-0.018	18.494	-0.009	18.511	-0.026	18.529	-0.014	26.029	-0.004	26.063	0.004	26.104	0.004	26.148	0.004
18.556	-0.005	18.576	-0.009	18.596	-0.001	18.612	-0.009	26.185	0.004	26.236	0.017	26.261	0.005	26.285	0.017
18.638	-0.001	18.668	0.012	18.697	0.016	18.720	0.020	26.313	0.009	26.352	0.009	26.403	0.009	26.434	0.018
18.743	0.008	18.770	0.016	18.811	0.016	18.846	0.021	26.466	0.018	26.514	0.018	26.538	0.026	26.572	0.026
18.875	0.008	18.912	0.012	18.942	0.004	18.971	0.013	26.612	0.027	26.662	0.035	26.713	0.039	26.757	0.031
19.001	0.025	19.038	-0.008	19.059	0.004	19.090	0.017	26.795	0.023	26.819	0.036	26.862	0.027	26.917	0.027
19.118	0.026	19.153	0.009	19.179	-0.004	19.211	-0.025	26.958	0.040	27.004	0.036	27.043	0.036	27.082	0.028
19.252	0.005	19.283	0.018	19.330	0.005	19.360	0.009	27.118	0.036	27.155	0.044	27.217	0.035	27.252	0.052
19.381	0.005	19.402	-0.012	19.437	-0.003	19.477	0.001	27.276	0.031	27.330	0.034	27.351	0.080	27.379	0.030
19.510	0.001	19.540	-0.003	19.566	-0.011	19.589	-0.015	27.400	0.009	27.427	0.021	27.461	0.034	27.492	0.025
19.626	-0.003	19.654	0.002	19.691	-0.007	19.719	-0.023	27.528	-0.000	27.570	-0.001	27.604	0.012	27.645	0.003
19.745	-0.007	19.794	0.002	19.850	-0.010	19.889	-0.012	27.693	0.003	27.729	-0.010	27.774	-0.011	27.828	0.001
19.935	-0.006	19.961	0.003	19.995	0.020	20.026	0.012	27.869	0.001	27.928	-0.016	27.992	-0.017	28.036	-0.018
20.060	0.012	20.075	0.008	20.131	0.000	20.171	0.009	28.096	-0.010	28.147	-0.015	28.210	-0.015	28.284	-0.015
20.230	-0.003	20.256	0.005	20.274	0.018	20.307	0.006	28.351	-0.003	28.401	-0.012	28.449	0.001	28.506	-0.017
20.345	-0.011	20.359	-0.011	20.398	-0.002	20.434	-0.010	28.451	-0.025	28.489	-0.009	28.641	-0.009	28.689	-0.012
20.485	0.002	20.523	0.003	20.562	-0.001	20.603	-0.001	28.741	-0.016	28.806	-0.010	28.852	-0.010	28.891	-0.014

28.932	0.002	28.981	-0.006	29.046	0.002	29.086	-0.007
29.125	0.002	29.161	-0.002	29.193	0.006	29.229	-0.011
29.270	-0.003	29.301	0.006	29.357	-0.003	29.401	-0.003
29.440	0.001	29.492	0.010	29.536	0.001	29.572	0.001
29.603	0.001	29.631	0.010	29.682	0.001	29.719	0.014
29.753	0.014						

71-048 2/9/71 0600PST 4680 WILSHIRE, BASEMENT N75W

3439 POINTS 53.784 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1481 G/10

[illegible]

3.110	-0.475	3.127	-0.534	3.138	-0.597	3.148	-0.644	4.814	-0.102	4.819	0.047	4.822	0.020	4.827	0.104
3.154	-0.703	3.164	-0.741	3.172	-0.804	3.180	-0.812	4.833	0.146	4.838	0.197	4.846	0.180	4.853	0.150
3.186	-0.766	3.197	-0.707	3.202	-0.627	3.205	-0.585	4.858	0.095	4.866	0.061	4.874	0.069	4.880	0.124
3.210	-0.547	3.216	-0.496	3.220	-0.319	3.223	-0.252	4.887	0.162	4.898	0.191	4.904	0.194	4.914	0.169
3.228	-0.164	3.234	-0.096	3.240	-0.159	3.247	-0.193	4.925	0.156	4.933	0.160	4.945	0.194	4.954	0.210
3.255	-0.277	3.264	-0.302	3.272	-0.235	3.275	-0.163	4.959	0.231	4.967	0.269	4.969	0.281	4.974	0.243
3.285	-0.058	3.294	0.022	3.300	0.081	3.310	0.152	4.982	0.193	4.988	0.159	4.996	0.116	5.003	0.107
3.319	0.194	3.326	0.190	3.336	0.119	3.343	0.072	5.009	0.053	5.015	0.040	5.027	0.061	5.033	0.107
3.352	0.018	3.360	-0.003	3.366	-0.012	3.374	0.056	5.038	0.132	5.041	0.170	5.048	0.208	5.057	0.241
3.379	0.110	3.386	0.203	3.391	0.283	3.393	0.388	5.065	0.262	5.070	0.270	5.083	0.278	5.090	0.261
3.404	0.468	3.407	0.519	3.411	0.519	3.418	0.473	5.098	0.231	5.102	0.198	5.114	0.151	5.120	0.121
3.422	0.422	3.430	0.376	3.438	0.359	3.446	0.422	5.128	0.146	5.135	0.176	5.139	0.196	5.146	0.255
3.454	0.507	3.460	0.595	3.463	0.646	3.469	0.709	5.151	0.306	5.156	0.314	5.162	0.326	5.168	0.284
3.475	0.772	3.480	0.839	3.490	0.844	3.497	0.768	5.175	0.217	5.180	0.141	5.186	0.099	5.188	0.061
3.505	0.692	3.510	0.616	3.513	0.473	3.518	0.360	5.196	-0.015	5.205	-0.066	5.212	-0.104	5.215	-0.066
3.522	0.301	3.529	0.208	3.538	0.174	3.546	0.259	5.228	0.192	5.239	0.276	5.246	-0.340	5.252	-0.395
3.555	0.309	3.563	0.263	3.568	0.225	3.579	0.175	5.260	-0.487	5.267	-0.542	5.278	-0.597	5.291	-0.652
3.585	0.141	3.593	0.112	3.607	0.116	3.619	0.150	5.292	-0.694	5.300	-0.745	5.308	-0.778	5.314	-0.774
3.625	0.175	3.635	0.179	3.643	0.150	3.649	0.104	5.324	-0.715	5.333	-0.610	5.339	-0.581	5.345	-0.505
3.661	-0.010	3.668	-0.090	3.674	-0.145	3.686	-0.208	5.349	-0.476	5.355	-0.400	5.364	-0.556	5.377	-0.653
3.694	-0.233	3.710	-0.161	3.711	-0.153	3.719	-0.136	5.383	-0.690	5.385	-0.712	5.388	-0.733	5.392	-0.766
3.727	-0.187	3.741	-0.237	3.746	-0.266	3.755	-0.266	5.402	-0.661	5.411	-0.556	5.419	-0.475	5.422	-0.391
3.760	-0.228	3.765	-0.199	3.774	-0.178	3.782	-0.190	5.430	-0.277	5.433	-0.248	5.444	-0.168	5.453	-0.126
3.793	-0.237	3.805	-0.249	3.807	-0.241	3.816	-0.186	5.461	-0.096	5.472	-0.121	5.491	-0.125	5.497	-0.134
3.824	-0.144	3.832	-0.097	3.837	-0.068	3.843	-0.005	5.510	-0.138	5.521	-0.100	5.530	-0.078	5.538	-0.023
3.851	0.050	3.856	0.113	3.857	0.172	3.862	0.290	5.546	0.058	5.553	0.116	5.555	0.137	5.561	0.187
3.868	0.429	3.876	0.555	3.887	0.665	3.895	0.690	5.571	0.259	5.580	0.314	5.591	0.365	5.596	0.386
3.900	0.673	3.906	0.598	3.917	0.518	3.925	0.429	5.603	0.449	5.608	0.525	5.614	0.584	5.618	0.631
3.936	0.371	3.946	0.383	3.958	0.303	3.968	0.253	5.622	0.673	5.633	0.669	5.639	0.627	5.646	0.576
3.974	0.085	3.977	-0.084	3.985	-0.265	3.996	-0.361	5.650	0.530	5.655	0.509	5.658	0.467	5.668	0.450
4.002	-0.361	4.012	-0.336	4.020	-0.302	4.032	-0.260	5.677	0.438	5.680	0.392	5.691	0.333	5.693	0.307
4.039	-0.214	4.051	-0.163	4.051	-0.129	4.059	-0.129	5.697	0.253	5.702	0.173	5.708	0.101	5.713	0.055
4.062	-0.112	4.070	-0.188	4.075	-0.217	4.083	-0.272	5.716	-0.122	5.724	-0.210	5.735	-0.303	5.743	-0.357
4.088	-0.301	4.096	-0.348	4.114	-0.343	4.127	-0.326	5.752	-0.425	5.763	-0.500	5.779	-0.555	5.779	-0.605
4.159	-0.136	4.163	-0.287	4.167	-0.065	4.173	-0.014	5.788	-0.656	5.791	-0.577	5.799	-0.694	5.815	-0.609
4.182	0.041	4.184	0.074	4.200	0.070	4.204	0.054	5.824	-0.546	5.827	-0.516	5.834	-0.483	5.843	-0.453
4.211	0.045	4.215	0.066	4.222	0.104	4.228	0.130	5.849	-0.373	5.856	-0.297	5.864	-0.230	5.871	-0.171
4.234	0.180	4.242	0.206	4.245	0.223	4.247	0.223	5.878	-0.124	5.884	-0.107	5.892	-0.116	5.900	-0.107
4.255	0.176	4.266	0.096	4.272	0.025	4.282	-0.021	5.906	-0.078	5.916	-0.019	5.923	0.010	5.930	0.040
4.283	-0.080	4.291	-0.156	4.299	-0.236	4.309	-0.261	5.934	0.048	5.942	0.006	5.955	-0.032	5.956	-0.053
4.313	-0.282	4.322	-0.307	4.330	-0.324	4.339	-0.261	5.966	-0.053	5.974	0.019	5.982	0.074	5.991	0.145
4.339	0.236	4.344	0.329	4.348	0.169	4.352	-0.008	5.999	0.192	6.008	0.213	6.010	0.196	6.016	0.141
4.363	-0.109	4.371	-0.092	4.376	0.131	4.389	0.212	6.024	0.095	6.026	0.086	6.035	0.044	6.040	0.053
4.394	0.289	4.402	0.355	4.414	0.322	4.427	0.305	6.053	0.086	6.062	0.103	6.075	0.120	6.081	0.103
4.445	0.309	4.461	0.343	4.473	0.356	4.479	0.365	6.089	0.087	6.097	0.103	6.108	0.158	6.117	0.196
4.492	0.365	4.502	0.356	4.509	0.239	4.514	0.088	6.120	0.221	6.127	0.226	6.136	0.175	6.144	0.104
4.520	-0.060	4.527	-0.198	4.532	-0.278	4.546	-0.350	6.149	0.091	6.153	0.053	6.161	0.007	6.164	-0.018
4.559	-0.299	4.568	-0.295	4.581	-0.278	4.591	-0.203	6.171	-0.031	6.175	-0.031	6.182	0.015	6.186	0.062
4.597	-0.148	4.600	-0.098	4.604	-0.043	4.607	0.012	6.193	0.108	6.197	0.159	6.205	0.176	6.207	0.150
4.617	0.066	4.625	0.010	4.631	0.090	4.638	0.216	6.218	0.125	6.227	0.096	6.238	0.045	6.249	-0.018
4.644	-0.288	4.651	-0.330	4.658	-0.410	4.659	-0.482	6.251	-0.039	6.256	-0.068	6.259	-0.131	6.264	-0.228
4.666	-0.545	4.674	-0.545	4.684	-0.474	4.689	-0.411	6.273	-0.317	6.276	-0.350	6.290	-0.380	6.300	-0.359
4.692	-0.348	4.695	-0.314	4.698	-0.251	4.708	-0.184	6.305	-0.376	6.313	-0.392	6.320	-0.413	6.328	-0.401
4.723	-0.205	4.734	-0.222	4.748	-0.231	4.757	-0.239	6.338	-0.363	6.344	-0.279	6.351	-0.224	6.354	-0.161
4.767	-0.231	4.777	-0.223	4.795	-0.194	4.806	-0.160	6.359	-0.085	6.363	-0.018	6.368	0.033	6.378	0.121
								6.384	0.147	6.392	0.159	6.398	0.113	6.405	0.071

6.408	0.046	6.412	-0.051	6.416	-0.127	6.424	-0.203	6.510	0.235	8.518	0.205	8.524	0.193	8.540	0.201
6.439	0.258	6.447	-0.279	6.460	-0.329	6.473	-0.397	8.548	0.201	8.554	0.180	8.569	0.155	8.578	0.121
6.479	-0.473	6.492	-0.553	6.497	-0.566	6.504	-0.570	8.594	0.108	8.594	0.112	8.607	0.125	8.619	0.146
6.512	-0.528	6.530	-0.465	6.541	-0.410	6.549	-0.343	8.627	0.175	8.635	0.209	8.644	0.196	8.654	0.171
6.554	-0.284	6.562	-0.238	6.565	-0.217	6.569	-0.188	8.663	0.137	8.667	0.112	8.676	0.087	8.681	0.070
6.576	-0.150	6.585	-0.112	6.592	-0.091	6.598	-0.104	8.689	0.045	8.699	0.041	8.711	0.053	8.724	0.074
6.608	-0.146	6.614	-0.167	6.620	-0.196	6.633	-0.209	8.734	0.099	8.740	0.091	8.742	0.078	8.755	0.045
6.644	-0.167	6.655	-0.087	6.661	0.005	6.669	0.093	8.760	0.015	8.764	-0.010	8.779	-0.014	8.793	0.011
6.674	0.182	6.681	0.266	6.693	0.333	6.701	0.371	8.808	0.011	8.824	0.002	8.832	-0.014	8.843	-0.006
6.711	0.400	6.719	0.396	6.727	0.388	6.738	0.367	8.856	0.006	8.857	0.011	8.872	0.057	8.877	0.103
6.746	0.358	6.753	0.375	6.768	0.408	6.777	0.417	8.885	0.133	8.889	0.162	8.897	0.171	8.902	0.145
6.784	0.378	6.792	0.333	6.796	0.290	6.801	0.181	8.909	0.112	8.915	0.078	8.921	0.061	8.933	0.053
6.811	0.059	6.820	-0.021	6.828	-0.084	6.841	-0.148	8.946	0.065	8.952	0.069	8.965	0.044	8.973	0.031
6.854	-0.181	6.858	-0.177	6.871	-0.135	6.879	-0.102	8.982	0.014	8.992	-0.020	8.997	-0.036	9.005	-0.053
6.885	-0.035	6.890	-0.034	6.903	-0.034	6.912	-0.064	9.010	-0.070	9.018	-0.087	9.024	-0.100	9.031	-0.130
6.924	-0.060	6.938	-0.047	6.949	-0.081	6.962	-0.106	9.037	-0.155	9.043	-0.176	9.048	-0.197	9.055	-0.210
6.973	-0.123	6.987	-0.132	6.998	-0.119	7.006	-0.098	9.061	-0.223	9.071	-0.227	9.077	-0.223	9.090	-0.211
7.014	-0.102	7.024	-0.128	7.030	-0.140	7.037	-0.157	9.101	-0.190	9.109	-0.165	9.114	-0.149	9.120	-0.111
7.046	-0.170	7.057	-0.132	7.065	-0.120	7.070	-0.132	9.124	-0.086	9.128	-0.061	9.133	-0.014	9.141	0.019
7.075	-0.154	7.083	-0.187	7.089	-0.213	7.095	-0.234	9.148	0.002	9.154	-0.036	9.164	-0.053	9.170	-0.083
7.103	-0.259	7.110	-0.259	7.121	-0.230	7.130	-0.163	9.178	-0.108	9.185	-0.100	9.196	-0.062	9.210	-0.037
7.135	-0.117	7.143	-0.070	7.153	-0.050	7.159	-0.062	9.226	-0.051	9.237	-0.080	9.249	-0.081	9.262	-0.039
7.167	-0.100	7.172	-0.117	7.180	-0.151	7.191	-0.164	9.265	-0.022	9.270	-0.005	9.274	-0.028	9.281	0.053
7.196	-0.155	7.204	-0.092	7.210	-0.055	7.216	-0.017	9.290	0.053	9.297	0.036	9.306	0.011	9.325	-0.007
7.221	0.017	7.229	0.050	7.242	0.105	7.263	0.126	9.341	0.018	9.358	0.018	9.370	-0.004	9.377	-0.012
7.277	0.134	7.286	0.121	7.299	0.113	7.310	0.125	9.389	-0.008	9.398	0.008	9.409	0.029	9.428	0.029
7.325	0.150	7.337	0.196	7.350	0.251	7.357	0.318	9.441	0.020	9.457	-0.005	9.466	-0.001	9.477	0.041
7.371	0.369	7.387	0.369	7.403	0.343	7.417	0.330	9.485	0.066	9.493	0.095	9.506	0.125	9.517	0.158
7.431	0.326	7.452	0.339	7.465	0.318	7.476	0.284	9.534	0.146	9.548	0.124	9.572	0.133	9.583	0.120
7.492	0.229	7.497	0.200	7.505	0.170	7.509	0.141	9.591	0.116	9.602	0.094	9.615	0.069	9.617	0.048
7.519	0.090	7.529	0.094	7.533	0.128	7.545	0.191	9.628	0.002	9.631	-0.020	9.648	-0.028	9.664	-0.011
7.548	0.221	7.553	0.254	7.567	0.313	7.575	0.330	9.678	0.005	9.691	0.022	9.697	0.026	9.707	0.035
7.581	0.326	7.594	0.292	7.604	0.246	7.611	0.212	9.719	-0.003	9.724	-0.024	9.732	-0.045	9.743	-0.074
7.626	0.187	7.640	0.157	7.664	0.123	7.675	0.098	9.754	-0.074	9.770	-0.044	9.780	-0.031	9.783	-0.048
7.683	0.064	7.688	0.056	7.696	0.031	7.699	0.035	9.788	-0.057	9.800	-0.078	9.805	-0.094	9.811	-0.132
7.707	0.089	7.715	0.123	7.721	0.161	7.733	0.199	9.816	-0.178	9.824	-0.208	9.827	-0.220	9.832	-0.237
7.744	0.195	7.753	0.211	7.758	0.220	7.769	0.249	9.840	-0.267	9.851	-0.296	9.859	-0.313	9.871	-0.338
7.777	0.266	7.785	0.287	7.787	0.291	7.804	0.270	9.874	-0.346	9.884	-0.354	9.903	-0.350	9.914	-0.337
7.820	0.257	7.827	0.249	7.838	0.232	7.849	0.232	9.931	-0.295	9.939	-0.270	9.945	-0.249	9.956	-0.249
7.868	0.252	7.879	0.262	7.884	0.298	7.900	0.328	9.969	-0.261	9.975	-0.278	9.989	-0.290	10.007	-0.278
7.911	0.336	7.924	0.361	7.935	0.373	7.936	0.373	10.019	-0.256	10.027	-0.256	10.042	-0.260	10.057	-0.265
7.951	0.335	7.960	0.306	7.973	0.280	7.986	0.263	10.067	-0.277	10.081	-0.277	10.089	-0.260	10.097	-0.239
8.005	0.254	8.019	0.275	8.032	0.300	8.043	0.309	10.105	-0.214	10.116	-0.167	10.127	-0.138	10.141	-0.108
8.056	0.355	8.062	0.376	8.069	0.413	8.078	0.493	10.149	-0.108	10.163	-0.116	10.176	-0.116	10.177	-0.104
8.088	0.447	8.093	0.472	8.097	0.497	8.113	0.493	10.187	-0.045	10.195	-0.019	10.201	0.002	10.209	0.027
8.115	0.480	8.126	0.438	8.134	0.375	8.139	0.328	10.218	0.052	10.243	0.061	10.256	0.074	10.267	0.107
8.153	0.277	8.172	0.269	8.183	0.248	8.193	0.222	10.272	0.154	10.273	0.170	10.280	0.196	10.292	0.250
8.206	0.188	8.214	0.154	8.229	0.104	8.231	0.078	10.299	0.272	10.307	0.324	10.316	0.246	10.324	0.217
8.239	0.032	8.247	0.002	8.255	-0.019	8.264	-0.048	10.332	0.187	10.338	0.162	10.349	0.133	10.356	0.112
8.276	-0.061	8.285	-0.040	8.298	-0.019	8.309	-0.003	10.362	0.069	10.368	0.053	10.375	0.032	10.383	0.010
8.319	0.035	8.328	0.043	8.340	0.022	8.346	0.001	10.392	-0.015	10.399	-0.032	10.407	-0.061	10.418	-0.078
8.362	-0.020	8.372	-0.029	8.388	-0.033	8.396	0.004	10.426	-0.103	10.437	-0.124	10.451	-0.137	10.464	-0.158
8.401	0.038	8.405	0.080	8.413	0.122	8.420	0.160	10.489	-0.179	10.502	-0.192	10.513	-0.213	10.527	-0.242
8.421	0.198	8.426	0.227	8.429	0.261	8.436	0.311	10.540	-0.267	10.551	-0.284	10.564	-0.301	10.571	-0.335
8.442	0.315	8.453	0.273	8.458	0.260	8.469	0.269	10.586	-0.360	10.600	-0.381	10.610	-0.394	10.624	-0.402
8.481	0.294	8.489	0.319	8.492	0.298	8.502	0.256	10.637	-0.385	10.648	-0.398	10.667	-0.427	10.673	-0.470

10.684	-0.507	10.698	-0.512	10.713	-0.486	10.722	-0.453	13.261	0.153	13.279	0.127	13.291	0.106	13.305	0.073
10.730	-0.436	10.738	-0.406	10.749	-0.373	10.760	-0.352	13.313	0.039	13.322	0.005	13.330	-0.020	13.336	-0.041
10.773	-0.347	10.787	-0.364	10.800	-0.390	10.809	-0.402	13.347	-0.088	13.351	-0.100	13.360	-0.105	13.374	-0.113
10.825	-0.398	10.835	-0.402	10.839	-0.406	10.847	-0.419	13.393	-0.036	13.399	-0.075	13.405	-0.046	13.415	-0.025
10.857	-0.432	10.871	-0.423	10.873	-0.423	10.885	-0.402	13.435	-0.044	13.449	-0.034	13.468	-0.021	13.479	-0.004
10.906	-0.352	10.919	-0.356	10.933	-0.381	10.952	-0.402	13.491	-0.004	13.502	-0.017	13.512	-0.030	13.518	-0.038
10.969	-0.415	10.985	-0.415	10.998	-0.411	11.007	-0.432	13.526	-0.055	13.531	-0.059	13.543	-0.102	13.556	-0.140
11.018	-0.449	11.029	-0.474	11.041	-0.470	11.047	-0.462	13.559	-0.061	13.567	-0.203	13.582	-0.246	13.593	-0.275
11.061	-0.449	11.071	-0.437	11.080	-0.420	11.090	-0.403	13.610	-0.293	13.631	-0.314	13.649	-0.293	13.668	-0.277
11.096	-0.386	11.109	-0.361	11.118	-0.327	11.126	-0.294	13.685	-0.277	13.700	-0.277	13.725	-0.282	13.736	-0.265
11.136	-0.252	11.153	-0.214	11.167	-0.193	11.175	-0.180	13.751	-0.248	13.768	-0.249	13.782	-0.241	13.792	-0.224
11.185	-0.155	11.193	-0.134	11.204	-0.113	11.213	-0.092	13.804	-0.220	13.812	-0.204	13.822	-0.196	13.837	-0.192
11.234	-0.079	11.229	-0.071	11.237	-0.046	11.248	-0.021	13.853	-0.205	13.869	-0.217	13.889	-0.234	13.906	-0.247
11.254	0.009	11.264	0.026	11.276	0.034	11.286	0.026	13.919	-0.247	13.942	-0.248	13.958	-0.235	13.974	-0.214
11.299	0.009	11.310	0.008	11.319	0.034	11.338	-0.029	13.983	-0.206	14.001	-0.206	14.013	-0.223	14.026	-0.236
11.351	-0.030	11.367	-0.042	11.378	-0.050	11.389	-0.062	14.044	-0.228	14.055	-0.203	14.065	-0.186	14.082	-0.178
11.397	-0.034	11.401	-0.034	11.411	-0.025	11.416	-0.012	14.096	-0.157	14.109	-0.144	14.118	-0.123	14.129	-0.119
11.425	0.009	11.435	0.038	11.447	0.063	11.459	0.076	14.142	-0.128	14.151	-0.128	14.165	-0.111	14.178	-0.098
11.457	0.093	11.471	0.097	11.490	0.101	11.499	0.122	14.192	-0.077	14.203	-0.090	14.214	-0.103	14.222	-0.115
11.504	0.135	11.510	0.173	11.521	0.215	11.525	0.236	14.239	-0.119	14.259	-0.090	14.270	-0.078	14.283	-0.082
11.540	0.270	11.550	0.270	11.566	0.262	11.575	0.249	14.295	-0.099	14.306	-0.116	14.319	-0.111	14.325	-0.099
11.591	0.245	11.608	0.262	11.624	0.270	11.640	0.258	14.334	-0.074	14.345	-0.036	14.353	-0.023	14.367	-0.006
11.653	0.245	11.670	0.245	11.679	0.245	11.689	0.237	14.383	0.019	14.394	0.040	14.415	0.053	14.431	0.053
11.695	0.220	11.706	0.212	11.725	0.212	11.743	0.233	14.443	0.057	14.465	0.032	14.468	0.032	14.478	0.015
11.758	0.246	11.776	0.246	11.796	0.246	11.807	0.246	14.487	-0.002	14.492	-0.023	14.495	-0.035	14.504	-0.052
11.818	0.238	11.833	0.251	11.845	0.263	11.864	0.268	14.509	-0.065	14.514	-0.077	14.518	-0.107	14.526	-0.128
11.870	0.251	11.880	0.230	11.889	0.213	11.899	0.196	14.532	-0.145	14.540	-0.170	14.556	-0.191	14.578	-0.199
11.910	0.171	11.919	0.150	11.932	0.133	11.938	0.117	14.592	-0.208	14.606	-0.199	14.620	-0.203	14.631	-0.203
11.946	0.091	11.957	0.075	11.965	0.079	11.971	0.096	14.643	-0.199	14.652	-0.199	14.662	-0.182	14.677	-0.174
11.987	0.113	12.000	0.125	12.009	0.111	12.019	0.096	14.688	-0.186	14.699	-0.195	14.712	-0.191	14.726	-0.182
12.022	0.079	12.034	0.079	12.045	0.084	12.053	0.092	14.737	-0.178	14.744	-0.161	14.752	-0.140	14.765	-0.127
12.069	0.096	12.080	0.105	12.090	0.122	12.102	0.122	14.774	-0.115	14.782	-0.098	14.788	-0.093	14.805	-0.106
12.110	0.114	12.127	0.097	12.145	0.084	12.165	0.080	14.826	-0.114	14.842	-0.127	14.853	-0.144	14.862	-0.148
12.178	0.093	12.191	0.110	12.202	0.131	12.216	0.148	14.870	-0.156	14.880	-0.161	14.889	-0.165	14.900	-0.152
12.222	0.157	12.236	0.165	12.249	0.182	12.258	0.199	14.908	-0.139	14.922	-0.123	14.933	-0.127	14.952	-0.135
12.266	0.216	12.279	0.233	12.285	0.250	12.293	0.263	14.970	-0.139	14.982	-0.139	14.996	-0.152	15.009	-0.164
12.299	0.275	12.304	0.284	12.312	0.296	12.318	0.305	15.015	-0.169	15.023	-0.173	15.034	-0.164	15.039	-0.152
12.334	0.318	12.347	0.301	12.359	0.284	12.369	0.267	15.050	-0.139	15.061	-0.122	15.067	-0.110	15.074	-0.101
12.386	0.259	12.399	0.259	12.415	0.268	12.423	0.281	15.080	-0.080	15.088	-0.072	15.096	-0.063	15.105	-0.055
12.432	0.293	12.441	0.306	12.449	0.323	12.462	0.353	15.116	-0.034	15.124	-0.004	15.131	-0.013	15.137	0.013
12.475	0.361	12.483	0.353	12.492	0.344	12.498	0.328	15.146	-0.042	15.149	0.032	15.159	0.029	15.173	0.013
12.508	0.298	12.517	0.282	12.539	0.282	12.552	0.290	15.181	-0.004	15.191	-0.030	15.194	-0.051	15.205	-0.088
12.569	0.303	12.584	0.286	12.601	0.287	12.620	0.295	15.211	-0.105	15.216	-0.118	15.224	-0.156	15.235	-0.181
12.628	0.287	12.640	0.279	12.651	0.262	12.667	0.254	15.236	-0.198	15.249	-0.198	15.255	-0.190	15.269	-0.173
12.685	0.275	12.694	0.284	12.702	0.296	12.716	0.297	15.276	-0.160	15.280	-0.147	15.292	-0.131	15.304	-0.135
12.729	0.297	12.741	0.301	12.754	0.305	12.764	0.293	15.320	-0.152	15.322	-0.165	15.333	-0.177	15.344	-0.173
12.771	0.280	12.781	0.260	12.793	0.243	12.808	0.222	15.354	-0.165	15.368	-0.144	15.380	-0.135	15.384	-0.131
12.819	0.226	12.833	0.248	12.845	0.260	12.861	0.256	15.395	-0.127	15.408	-0.123	15.421	-0.127	15.439	-0.136
12.872	0.240	12.860	0.240	12.889	0.244	12.897	0.253	15.447	-0.144	15.451	-0.144	15.464	-0.149	15.483	-0.128
12.908	0.270	12.914	0.274	12.927	0.274	12.936	0.262	15.488	-0.144	15.498	-0.094	15.511	-0.065	15.519	-0.052
12.949	0.253	12.965	0.258	12.979	0.266	12.998	0.279	15.528	-0.044	15.541	-0.023	15.547	-0.006	15.555	0.006
13.005	0.279	13.021	0.271	13.035	0.258	13.048	0.250	15.568	-0.019	15.576	-0.028	15.583	0.078	15.587	0.095
13.062	0.229	13.074	0.204	13.090	0.174	13.098	0.149	15.592	0.107	15.600	0.132	15.608	0.162	15.618	0.162
13.106	0.132	13.112	0.111	13.123	0.103	13.137	0.090	15.627	0.153	15.638	0.149	15.650	0.157	15.661	0.178
13.159	0.090	13.160	0.094	13.191	0.099	13.200	0.098	15.675	0.173	15.682	0.186	15.693	0.194	15.710	0.189
13.206	0.111	13.217	0.124	13.235	0.145	13.244	0.157	15.722	0.189	15.726	0.180	15.738	0.163	15.742	0.155

15.747	0.146	15.754	0.142	15.771	0.163	15.779	0.167	18.288	0.014	18.297	0.022	18.313	0.039	18.323	0.047
15.787	0.158	15.795	0.154	15.803	0.141	15.817	0.145	18.334	0.043	18.349	0.022	18.353	0.005	18.361	-0.016
15.822	0.153	15.836	0.161	15.847	0.169	15.855	0.182	18.364	-0.020	18.375	-0.046	18.384	-0.063	18.395	-0.054
15.862	0.194	15.874	0.215	15.885	0.210	15.892	0.181	18.403	-0.029	18.416	-0.012	18.433	0.021	18.450	0.021
15.904	0.172	15.912	0.180	15.919	0.189	15.931	0.205	18.466	0.008	18.476	-0.000	18.484	-0.021	18.490	-0.030
15.939	0.205	15.945	0.188	15.952	0.175	15.958	0.162	18.501	-0.038	18.517	-0.039	18.532	-0.018	18.550	-0.022
15.963	0.154	15.974	0.133	15.980	0.120	15.990	0.111	18.567	-0.047	18.580	-0.039	18.597	-0.039	18.614	-0.031
16.006	0.102	16.021	0.102	16.034	0.081	16.039	0.072	18.624	-0.052	18.633	-0.061	18.646	-0.073	18.652	-0.082
16.047	0.068	16.059	0.063	16.077	0.076	16.086	0.088	18.660	-0.078	18.673	-0.065	18.685	-0.057	18.703	-0.053
16.100	0.092	16.115	0.079	16.127	0.087	16.134	0.083	18.715	-0.065	18.722	-0.069	18.730	-0.111	18.744	-0.094
16.142	0.066	16.150	0.057	16.159	0.049	16.178	0.045	18.760	-0.065	18.774	-0.069	18.788	-0.073	18.805	-0.061
16.195	0.057	16.208	0.070	16.216	0.095	16.230	0.104	18.811	-0.031	18.825	-0.018	18.836	-0.014	18.861	-0.022
16.235	0.112	16.243	0.125	16.254	0.138	16.271	0.138	18.874	-0.031	18.885	-0.052	18.899	-0.047	18.916	-0.035
16.282	0.125	16.292	0.121	16.306	0.108	16.316	0.100	18.932	-0.035	18.953	-0.022	18.963	-0.026	18.974	-0.005
16.324	0.087	16.335	0.070	16.342	0.062	16.354	0.058	18.986	0.003	19.002	0.029	19.013	0.041	19.036	0.067
16.366	0.070	16.379	0.087	16.393	0.092	16.414	0.071	19.057	0.071	19.074	0.075	19.078	0.080	19.088	0.080
16.426	0.062	16.437	0.054	16.444	0.041	16.451	0.033	19.110	0.080	19.116	0.084	19.141	0.105	19.149	0.118
16.461	0.020	16.467	0.003	16.474	-0.022	16.480	-0.030	19.163	0.139	19.178	0.156	19.197	0.156	19.210	0.147
16.485	-0.039	16.497	-0.043	16.508	-0.030	16.519	-0.013	19.222	0.147	19.238	0.143	19.255	0.147	19.269	0.159
16.537	0.004	16.549	-0.001	16.557	0.004	16.568	0.004	19.281	0.155	19.292	0.138	19.299	0.067	19.351	0.079
16.575	0.004	16.584	0.017	16.595	0.026	16.606	0.043	19.313	0.079	19.325	0.062	19.339	0.067	19.351	0.079
16.619	0.081	16.620	0.107	16.630	0.136	16.639	0.141	19.368	0.104	19.376	0.104	19.385	0.092	19.401	0.075
16.654	0.112	16.665	0.112	16.674	0.150	16.681	0.192	19.410	0.062	19.424	0.033	19.431	0.024	19.450	0.029
16.690	0.218	16.703	0.227	16.711	0.210	16.726	0.223	19.462	0.045	19.470	0.041	19.481	0.037	19.491	0.041
16.741	0.241	16.755	0.258	16.766	0.258	16.786	0.238	19.502	0.041	19.506	0.043	19.520	0.016	19.528	-0.005
16.805	0.230	16.818	0.222	16.824	0.213	16.831	0.188	19.538	-0.018	19.546	-0.043	19.555	-0.060	19.568	-0.064
16.842	0.176	16.855	0.164	16.866	0.164	16.888	0.177	19.583	-0.039	19.599	-0.026	19.605	-0.030	19.615	-0.047
16.905	0.186	16.916	0.174	16.931	0.158	16.937	0.145	19.626	-0.051	19.637	-0.034	19.649	-0.030	19.664	-0.038
16.951	0.133	16.962	0.121	16.977	0.104	16.989	0.100	19.676	-0.059	19.683	-0.076	19.697	-0.084	19.714	-0.097
17.000	0.084	17.011	0.059	17.013	0.051	17.015	0.046	19.725	-0.051	19.734	-0.118	19.758	-0.135	19.771	-0.143
17.037	0.051	17.056	0.056	17.065	0.039	17.081	0.023	19.782	-0.160	19.801	-0.159	19.815	-0.151	19.826	-0.159
17.091	0.015	17.100	-0.010	17.108	-0.019	17.119	-0.035	19.835	-0.159	19.848	-0.163	19.864	-0.155	19.874	-0.121
17.130	-0.052	17.145	-0.031	17.160	-0.010	17.170	-0.010	19.880	-0.117	19.893	-0.146	19.897	-0.154	19.904	-0.158
17.184	-0.018	17.197	-0.014	17.203	0.011	17.214	0.028	19.916	-0.124	19.931	-0.162	19.946	-0.154	19.954	-0.133
17.222	0.066	17.227	0.083	17.240	0.113	17.248	0.138	19.969	-0.175	19.981	-0.116	19.992	-0.099	20.005	-0.094
17.305	0.087	17.313	0.071	17.322	0.049	17.338	0.033	20.013	-0.107	20.026	-0.124	20.034	-0.145	20.043	-0.153
17.354	0.049	17.363	0.049	17.374	0.058	17.392	0.058	20.056	-0.165	20.067	-0.178	20.083	-0.203	20.097	-0.211
17.398	0.041	17.406	0.036	17.422	0.011	17.427	-0.002	20.113	-0.203	20.127	-0.190	20.152	-0.169	20.164	-0.139
17.439	-0.002	17.450	0.011	17.461	0.028	17.476	0.061	20.176	-0.114	20.187	-0.105	20.198	-0.097	20.208	-0.088
17.487	0.074	17.501	0.078	17.514	0.074	17.525	0.057	20.214	-0.076	20.232	-0.042	20.241	-0.016	20.251	-0.004
17.537	0.019	17.545	-0.006	17.558	-0.019	17.569	-0.036	20.263	0.017	20.271	0.051	20.281	0.064	20.294	0.039
17.583	-0.044	17.596	-0.044	17.605	-0.044	17.615	-0.053	20.308	0.026	20.320	0.043	20.340	0.060	20.354	0.060
17.632	-0.070	17.645	-0.086	17.655	-0.095	17.670	-0.093	20.373	0.069	20.390	0.073	20.397	0.077	20.408	0.073
17.680	-0.082	17.693	-0.061	17.705	-0.048	17.721	-0.053	20.424	0.060	20.435	0.031	20.443	0.018	20.455	0.023
17.732	-0.061	17.750	-0.078	17.757	-0.091	17.781	-0.107	20.474	0.027	20.493	0.036	20.511	0.015	20.523	0.002
17.789	-0.020	17.797	-0.128	17.807	-0.141	17.823	-0.141	20.539	0.011	20.554	0.036	20.568	0.049	20.565	0.061
17.835	-0.152	17.854	-0.162	17.867	-0.150	17.877	-0.128	20.579	0.087	20.590	0.103	20.603	0.125	20.622	0.142
17.888	-0.095	17.896	-0.078	17.905	-0.040	17.919	-0.015	20.641	0.146	20.663	0.142	20.688	0.138	20.707	0.142
17.932	-0.032	17.951	-0.032	17.964	-0.040	17.977	-0.048	20.723	0.155	20.749	0.146	20.763	0.134	20.776	0.117
17.989	-0.053	18.000	-0.078	18.013	-0.091	18.019	-0.099	20.752	0.088	20.801	0.071	20.817	0.072	20.831	0.072
18.029	-0.103	18.053	-0.091	18.067	-0.074	18.077	-0.070	20.782	0.068	20.801	0.071	20.817	0.072	20.831	0.072
18.093	-0.074	18.115	-0.078	18.121	-0.082	18.131	-0.091	20.808	0.023	20.919	0.006	20.934	0.015	20.943	0.027
18.150	-0.103	18.166	-0.091	18.180	-0.086	18.194	-0.078	20.908	0.023	20.919	0.006	20.934	0.015	20.943	0.027
18.201	-0.085	18.213	-0.048	18.224	-0.015	18.236	0.006	20.964	0.044	20.981	0.024	20.994	-0.001	21.007	-0.010
18.243	0.031	18.256	0.040	18.267	0.031	18.275	0.014	21.026	-0.012	21.045	-0.017	21.060	-0.030	21.074	-0.029
								21.098	-0.013	21.124	-0.008	21.130	-0.007	21.154	-0.021
								21.173	-0.024	21.189	-0.006	21.202	-0.002	21.224	0.007

21.240	0.020	21.253	0.032	21.258	0.037	21.272	0.045	24.938	0.033	24.945	0.045	24.958	0.063	24.971	0.067
21.291	0.054	21.307	0.058	21.315	0.063	21.328	0.059	24.985	0.046	24.991	0.038	25.002	0.030	25.019	0.034
21.329	0.059	21.386	0.068	21.402	0.085	21.415	0.089	25.030	0.009	25.053	0.010	25.076	0.010	25.108	0.015
21.423	0.098	21.431	0.110	21.455	0.098	21.467	0.094	25.138	0.020	25.179	0.019	25.201	0.013	25.215	0.021
21.482	0.081	21.493	0.090	21.506	0.082	21.512	0.069	25.238	0.022	25.260	0.014	25.284	0.001	25.300	0.010
21.518	0.057	21.531	0.053	21.548	0.057	21.563	0.061	25.320	0.010	25.341	0.006	25.357	0.014	25.379	-0.007
21.575	0.074	21.585	0.062	21.599	0.053	21.622	0.033	25.398	0.028	25.411	-0.045	25.428	-0.057	25.442	-0.062
21.626	0.020	21.639	-0.005	21.652	-0.013	21.664	-0.030	25.461	-0.053	25.481	-0.045	25.495	-0.049	25.517	-0.036
21.684	-0.025	21.695	-0.004	21.714	0.025	21.722	0.038	25.539	-0.032	25.568	-0.045	25.587	-0.053	25.609	-0.057
21.738	0.051	21.749	0.060	21.760	0.068	21.774	0.051	25.628	-0.044	25.647	-0.040	25.666	-0.036	25.683	-0.006
21.796	0.055	21.807	0.068	21.821	0.072	21.834	0.068	25.690	0.006	25.696	0.027	25.713	0.036	25.736	0.027
21.859	0.064	21.875	0.039	21.894	0.034	21.904	0.039	25.752	0.019	25.766	0.015	25.783	0.027	25.799	0.036
21.913	0.035	21.935	0.055	21.943	0.051	21.954	0.060	25.818	0.031	25.829	0.031	25.847	0.039	25.872	0.044
21.972	0.076	21.988	0.068	21.999	0.076	22.010	0.093	25.891	0.048	25.912	0.047	25.932	0.049	25.950	0.047
22.029	0.093	22.039	0.110	22.057	0.118	22.076	0.118	26.053	0.021	26.083	0.008	26.100	0.030	26.039	0.026
22.095	0.110	22.114	0.114	22.127	0.118	22.142	0.127	26.150	0.042	26.169	0.042	26.194	0.013	26.126	0.029
22.157	0.123	22.174	0.110	22.190	0.093	22.199	0.102	26.242	-0.001	26.261	-0.018	26.272	-0.014	26.294	-0.005
22.212	0.110	22.240	0.110	22.264	0.088	22.278	0.088	26.319	0.020	26.334	0.029	26.356	0.025	26.377	0.035
22.305	0.075	22.316	0.083	22.339	0.070	22.350	0.053	26.396	0.038	26.421	0.034	26.439	0.013	26.469	-0.025
22.366	0.036	22.385	0.023	22.411	0.006	22.437	0.022	26.488	-0.037	26.515	-0.025	26.553	-0.032	26.582	-0.024
22.461	0.034	22.479	0.030	22.510	0.033	22.540	0.037	26.700	-0.040	26.730	-0.053	26.744	-0.040	26.765	-0.023
22.559	0.032	22.585	0.015	22.600	-0.015	22.616	-0.040	26.811	-0.014	26.811	-0.018	26.837	-0.018	26.867	-0.022
22.637	-0.049	22.651	-0.049	22.675	-0.045	22.689	-0.041	26.883	-0.022	26.902	-0.021	26.921	-0.021	26.936	-0.025
22.708	-0.024	22.733	-0.033	22.752	-0.041	22.771	-0.041	26.957	-0.038	26.977	-0.025	27.001	-0.012	27.025	-0.016
22.784	-0.025	22.800	-0.042	22.820	-0.067	22.840	-0.071	27.049	-0.028	27.064	-0.028	27.081	-0.019	27.102	-0.023
22.860	-0.059	22.897	-0.072	22.921	-0.085	22.944	-0.098	27.120	-0.006	27.137	-0.031	27.160	-0.031	27.177	-0.006
23.017	-0.169	23.036	-0.161	23.054	-0.152	23.071	-0.135	27.275	-0.031	27.305	-0.014	27.324	-0.006	27.351	-0.015
23.079	-0.127	23.100	-0.118	23.106	-0.127	23.119	-0.139	27.388	-0.015	27.423	-0.019	27.445	-0.004	27.474	-0.020
23.136	-0.139	23.149	-0.114	23.163	-0.097	23.176	-0.080	27.493	-0.007	27.518	0.014	27.546	0.047	27.560	0.039
23.195	-0.067	23.220	-0.063	23.235	-0.071	23.252	-0.075	27.593	0.026	27.619	0.009	27.657	-0.004	27.678	0.017
23.267	-0.075	23.281	-0.088	23.303	-0.083	23.323	-0.075	27.700	0.000	27.727	0.017	27.753	-0.004	27.780	0.037
23.339	-0.058	23.366	-0.045	23.386	-0.049	23.403	-0.053	27.802	0.045	27.827	0.020	27.852	-0.006	27.871	-0.027
23.414	-0.062	23.428	-0.083	23.442	-0.079	23.460	-0.071	27.896	-0.036	27.914	-0.040	27.948	-0.036	27.970	-0.036
23.483	-0.054	23.504	-0.038	23.527	-0.001	23.548	0.003	27.999	-0.032	28.025	-0.016	28.054	-0.016	28.076	-0.021
23.577	0.006	23.604	0.006	23.628	0.018	23.639	0.013	28.104	-0.033	28.120	-0.029	28.136	-0.021	28.158	-0.021
23.654	-0.004	23.678	0.012	23.687	0.008	23.712	-0.014	28.173	-0.017	28.192	-0.030	28.216	-0.060	28.236	-0.090
23.728	-0.006	23.750	0.011	23.762	-0.024	23.780	-0.024	28.262	-0.102	28.287	-0.102	28.307	-0.089	28.337	-0.072
23.797	-0.029	23.819	-0.042	23.829	-0.051	23.847	-0.064	28.359	-0.051	28.370	-0.043	28.371	-0.039	28.400	-0.039
23.862	-0.064	23.879	-0.069	23.898	-0.065	23.909	-0.052	28.418	-0.047	28.436	-0.051	28.457	-0.055	28.484	-0.064
23.924	-0.044	23.940	-0.048	23.975	-0.052	23.983	-0.052	28.503	-0.068	28.526	-0.081	28.547	-0.072	28.570	-0.064
24.003	-0.048	24.019	-0.052	24.024	-0.048	24.047	-0.036	28.600	-0.055	28.631	-0.047	28.670	-0.038	28.708	-0.025
24.066	-0.006	24.083	0.023	24.098	0.032	24.114	0.036	28.671	-0.017	28.700	-0.012	28.788	-0.012	28.838	-0.003
24.142	0.057	24.163	0.070	24.179	0.087	24.198	0.091	28.871	-0.012	28.904	-0.011	28.932	-0.007	28.957	0.002
24.215	0.100	24.227	0.100	24.244	0.096	24.257	0.100	28.983	0.015	29.013	0.036	29.033	0.045	29.052	0.049
24.275	0.104	24.288	0.117	24.300	0.130	24.319	0.151	29.083	0.041	29.107	0.041	29.130	0.050	29.148	0.058
24.331	0.143	24.351	0.126	24.370	0.101	24.384	0.088	29.162	0.071	29.182	0.063	29.198	0.054	29.215	0.084
24.400	0.071	24.412	0.054	24.429	0.029	24.442	0.016	29.227	0.109	29.241	0.122	29.257	0.114	29.273	0.118
24.462	0.024	24.478	0.032	24.492	0.036	24.520	0.023	29.284	0.105	29.298	0.126	29.309	0.139	29.318	0.131
24.540	0.005	24.549	0.018	24.568	0.018	24.593	0.009	29.337	0.126	29.355	0.114	29.368	0.101	29.383	0.084
24.612	-0.004	24.626	-0.013	24.645	-0.026	24.660	-0.013	29.400	0.059	29.415	0.042	29.427	0.029	29.441	0.017
24.682	-0.001	24.694	0.015	24.707	0.037	24.729	0.041	29.453	0.012	29.469	0.038	29.477	0.063	29.488	0.092
24.740	0.029	24.760	0.021	24.771	0.013	24.788	0.030	29.506	0.126	29.519	0.101	29.538	0.092	29.550	0.100
24.797	0.030	24.813	0.013	24.819	0.009	24.840	0.022	29.564	0.113	29.581	0.109	29.601	0.113	29.623	0.117
24.853	0.023	24.862	0.010	24.873	0.019	24.881	0.036								
24.900	0.045	24.903	0.045	24.916	0.032	24.928	0.020								

29.636	0.117	29.651	0.130	29.662	0.113	29.682	0.083	34.403	-0.046	34.432	-0.076	34.457	-0.092	34.487	-0.088
29.701	0.045	29.717	0.066	29.734	0.071	29.746	0.037	34.509	-0.096	34.537	-0.079	34.565	-0.054	34.589	-0.037
29.762	0.003	29.781	-0.027	29.788	-0.039	29.806	-0.031	34.608	-0.041	34.639	-0.058	34.656	-0.070	34.676	-0.074
29.815	-0.040	29.834	-0.065	29.863	-0.078	29.887	-0.061	34.698	-0.083	34.726	-0.078	34.756	-0.082	34.782	-0.061
29.906	-0.053	29.915	-0.032	29.938	-0.058	29.959	-0.075	34.801	-0.036	34.827	-0.014	34.864	-0.023	34.894	-0.031
29.984	-0.058	30.013	-0.046	30.038	-0.046	30.056	-0.059	34.914	-0.026	34.927	-0.014	34.944	-0.014	34.967	-0.018
30.068	-0.063	30.095	-0.059	30.109	-0.076	30.131	-0.098	34.995	-0.022	35.028	-0.021	35.054	-0.004	35.076	-0.004
30.152	-0.073	30.177	-0.048	30.207	-0.010	30.226	-0.002	35.099	-0.004	35.144	-0.004	35.180	-0.003	35.203	-0.012
30.238	-0.002	30.257	-0.006	30.281	-0.015	30.295	0.019	35.321	0.014	35.361	0.035	35.387	0.061	35.391	0.078
30.309	0.066	30.328	0.091	30.344	0.099	30.358	0.108	35.329	0.059	35.356	0.082	35.372	0.078	35.398	0.061
30.371	0.091	30.394	0.045	30.407	0.011	30.427	-0.005	35.417	0.055	35.444	0.060	35.461	0.069	35.487	0.085
30.446	0.003	30.470	0.020	30.497	0.025	30.524	0.004	35.522	0.093	35.534	0.106	35.561	0.085	35.586	0.063
30.537	-0.013	30.559	-0.038	30.584	-0.030	30.622	-0.013	35.613	0.051	35.641	0.038	35.658	0.029	35.682	0.042
30.641	0.004	30.654	0.009	30.668	-0.012	30.690	-0.021	35.719	0.050	35.757	0.062	35.775	0.071	35.793	0.058
30.704	-0.033	30.720	-0.020	30.744	-0.033	30.763	-0.015	35.818	0.074	35.834	0.078	35.878	0.099	35.914	0.111
30.782	0.002	30.788	0.010	30.801	-0.011	30.814	-0.019	35.961	0.081	35.989	0.068	36.019	0.055	36.052	0.059
30.833	-0.031	30.852	-0.022	30.876	-0.001	30.895	0.012	36.084	0.071	36.103	0.071	36.137	0.046	36.169	0.033
30.905	0.021	30.927	0.013	30.948	0.017	30.969	0.009	36.192	0.020	36.246	0.023	36.298	0.031	36.334	0.027
30.986	0.009	31.009	0.001	31.020	-0.007	31.042	0.015	36.375	0.010	36.421	0.018	36.450	-0.003	36.488	-0.012
31.060	0.004	31.073	0.049	31.089	0.019	31.110	0.003	36.526	-0.029	36.561	-0.033	36.607	-0.038	36.662	-0.047
31.150	0.004	31.185	0.004	31.218	-0.004	31.260	-0.003	36.691	-0.038	36.729	-0.034	36.763	-0.039	36.779	-0.047
31.282	-0.003	31.300	-0.011	31.319	-0.015	31.348	0.002	36.809	-0.031	36.833	-0.031	36.865	-0.035	36.884	-0.043
31.366	-0.007	31.390	-0.015	31.417	-0.019	31.436	-0.023	36.900	-0.035	36.929	-0.027	36.942	-0.010	36.977	-0.035
31.452	-0.002	31.478	0.023	31.497	0.032	31.529	0.024	37.014	-0.031	37.033	-0.048	37.068	-0.031	37.090	-0.019
31.547	0.011	31.564	0.007	31.582	0.007	31.601	0.007	37.114	-0.027	37.141	-0.036	37.172	-0.040	37.199	-0.031
31.614	-0.009	31.631	-0.005	31.651	0.008	31.665	0.033	37.219	-0.027	37.250	-0.023	37.269	-0.023	37.296	-0.006
31.683	0.029	31.710	0.025	31.732	0.038	31.742	0.050	37.321	0.002	37.358	0.002	37.399	0.003	37.433	-0.010
31.761	0.034	31.780	0.017	31.801	0.004	31.825	0.013	37.463	-0.022	37.493	-0.031	37.522	-0.043	37.547	-0.060
31.849	0.000	31.874	-0.021	31.890	-0.008	31.919	-0.016	37.579	-0.051	37.613	-0.034	37.644	-0.017	37.675	-0.000
31.944	-0.033	31.965	-0.046	31.979	-0.050	32.005	-0.041	37.706	-0.021	37.748	-0.017	37.773	-0.025	37.808	-0.013
32.035	-0.028	32.059	-0.016	32.078	-0.024	32.094	-0.049	37.837	0.009	37.848	0.021	37.873	0.017	37.907	0.022
32.118	-0.066	32.142	-0.041	32.170	-0.036	32.192	-0.036	37.935	0.022	37.962	0.018	37.991	0.005	38.025	-0.003
32.215	-0.049	32.239	-0.040	32.266	-0.023	32.293	-0.013	38.046	0.005	38.065	0.022	38.089	0.039	38.116	0.027
32.315	0.011	32.334	-0.010	32.359	-0.022	32.393	-0.013	38.146	0.014	38.179	-0.003	38.203	-0.011	38.227	0.019
32.427	0.004	32.448	0.017	32.465	0.021	32.492	0.034	38.243	0.036	38.268	0.040	38.298	0.061	38.316	0.074
32.518	0.017	32.535	0.021	32.557	0.013	32.580	0.030	38.342	0.078	38.387	0.065	38.429	0.069	38.464	0.073
32.602	0.047	32.624	0.039	32.643	0.014	32.664	-0.024	38.475	0.068	38.491	0.060	38.508	0.047	38.530	0.055
32.683	-0.011	32.711	0.010	32.729	0.015	32.752	0.032	38.551	0.077	38.570	0.047	38.594	0.042	38.617	0.025
32.762	-0.002	32.782	-0.023	32.812	-0.014	32.833	-0.002	38.635	0.038	38.676	0.038	38.711	0.041	38.742	0.037
32.855	-0.014	32.874	-0.023	32.893	-0.019	32.912	-0.010	38.796	0.033	38.835	0.028	38.876	0.011	38.929	-0.015
32.932	-0.048	32.951	-0.056	32.969	-0.073	32.991	-0.027	38.960	-0.032	38.992	-0.053	39.018	-0.062	39.065	-0.049
33.016	-0.001	33.041	0.011	33.073	0.016	33.092	-0.001	39.093	-0.045	39.137	-0.024	39.167	0.001	39.219	-0.017
33.117	-0.031	33.136	-0.014	33.153	-0.005	33.167	0.012	39.261	-0.017	39.313	-0.017	39.366	-0.017	39.389	-0.009
33.181	0.028	33.202	0.012	33.216	-0.009	33.238	-0.018	39.417	-0.026	39.434	-0.038	39.458	-0.026	39.477	-0.017
33.252	-0.007	33.270	0.020	33.289	0.024	33.303	0.011	39.497	-0.026	39.556	-0.017	39.609	-0.001	39.659	0.016
33.322	-0.006	33.339	0.011	33.358	0.002	33.388	-0.002	39.681	0.029	39.714	0.016	39.738	0.007	39.784	0.016
33.419	-0.003	33.452	-0.015	33.479	0.005	33.494	0.026	39.813	0.020	39.861	0.026	39.900	-0.006	39.924	-0.002
33.524	0.017	33.541	0.047	33.565	0.055	33.589	0.038	39.944	-0.027	39.961	-0.036	39.991	-0.023	40.015	-0.019
33.614	0.037	33.642	0.004	33.661	0.004	33.684	-0.013	40.060	-0.036	40.104	-0.040	40.142	-0.028	40.185	-0.015
33.705	0.025	33.717	0.037	33.742	0.033	33.771	0.033	40.235	0.001	40.273	0.018	40.298	0.014	40.323	0.022
33.804	0.041	33.821	0.053	33.843	0.061	33.866	0.053	40.350	-0.003	40.389	0.016	40.429	-0.004	40.482	0.005
33.885	0.036	33.913	0.027	33.933	0.035	33.965	0.027	40.529	0.026	40.567	0.034	40.591	0.038	40.630	0.013
33.993	0.014	34.011	0.009	34.035	0.001	34.054	-0.029	40.659	-0.004	40.696	-0.021	40.729	-0.030	40.777	-0.021
34.077	-0.042	34.097	-0.050	34.111	-0.038	34.138	-0.025	40.813	0.008	40.840	0.012	40.867	0.016	40.898	0.024
34.155	-0.009	34.196	0.004	34.225	0.008	34.260	0.008	40.937	-0.001	40.975	-0.023	41.027	-0.023	41.059	-0.019
34.283	-0.009	34.325	-0.017	34.345	-0.021	34.381	-0.025	41.097	-0.007	41.136	0.018	41.162	0.044	41.206	0.031

41.252	0.022	41.293	0.022	41.328	0.017	41.379	0.012	48.866	-0.012	48.891	-0.017	48.912	-0.004	48.973	0.008
41.419	0.004	41.441	-0.005	41.465	-0.005	41.501	-0.010	49.017	0.020	49.062	0.016	49.092	0.015	49.122	0.001
41.532	-0.018	41.549	-0.019	41.576	-0.006	41.608	0.019	49.157	-0.006	49.193	0.002	49.244	0.001	49.285	0.001
41.641	0.023	41.664	0.010	41.714	0.001	41.751	0.020	49.332	-0.003	49.375	-0.004	49.443	0.000	49.482	0.000
41.799	-0.003	41.830	-0.019	41.876	0.011	41.919	-0.006	49.520	-0.008	49.522	-0.004	49.542	0.008	49.596	0.004
41.959	0.003	42.021	-0.001	42.084	-0.009	42.138	-0.005	49.660	0.012	49.682	0.008	49.742	0.024	49.804	0.037
42.170	-0.013	42.208	-0.021	42.235	-0.025	42.269	-0.008	49.880	0.049	49.930	0.040	49.986	0.032	50.062	0.019
42.314	-0.008	42.360	-0.003	42.398	0.006	42.433	-0.006	50.114	0.002	50.146	-0.007	50.182	-0.007	50.196	-0.011
42.464	-0.006	42.487	0.003	42.513	-0.005	42.540	-0.018	50.229	-0.003	50.277	0.001	50.312	0.009	50.340	0.001
42.578	-0.005	42.602	0.008	42.624	0.013	42.660	0.009	50.377	-0.007	50.438	-0.024	50.435	-0.028	50.445	-0.037
42.695	0.005	42.727	0.001	42.743	0.012	42.771	0.005	50.489	-0.016	50.530	-0.003	50.562	-0.016	50.590	-0.007
42.798	0.013	42.831	0.013	42.859	0.008	42.889	0.004	50.620	0.009	50.641	-0.003	50.676	-0.007	50.714	-0.007
42.919	-0.013	42.945	-0.026	42.967	-0.022	42.997	-0.009	50.736	0.001	50.766	0.001	50.796	0.001	50.823	-0.007
43.033	-0.006	43.058	0.015	43.082	0.032	43.117	0.032	50.850	0.001	50.878	0.001	50.919	0.001	50.956	0.010
43.147	0.036	43.174	0.035	43.194	0.044	43.222	0.037	50.986	0.001	51.014	0.002	51.044	0.014	51.063	0.002
43.237	0.014	43.268	0.014	43.282	0.022	43.312	0.034	51.094	-0.007	51.119	-0.015	51.159	-0.007	51.179	-0.015
43.333	0.046	43.368	0.033	43.412	0.028	43.470	0.010	51.214	-0.006	51.252	0.002	51.277	0.010	51.312	0.006
43.516	-0.017	43.552	-0.008	43.598	0.003	43.620	-0.014	51.349	-0.015	51.382	-0.024	51.414	-0.015	51.455	-0.007
43.784	-0.008	43.820	-0.021	43.882	-0.030	43.916	-0.034	51.487	0.001	51.534	0.014	51.558	0.014	51.590	0.022
43.950	-0.047	43.992	-0.060	44.034	-0.047	44.089	-0.056	51.623	0.013	51.655	0.001	51.686	-0.012	51.710	-0.025
44.132	-0.051	44.157	-0.043	44.184	-0.047	44.207	-0.056	51.747	-0.029	51.790	-0.025	51.832	-0.021	51.874	-0.017
44.234	-0.052	44.266	-0.060	44.281	-0.056	44.308	-0.043	51.883	-0.021	51.920	-0.026	51.937	-0.034	51.969	-0.026
44.327	-0.034	44.356	-0.013	44.371	-0.021	44.400	-0.037	52.013	-0.000	52.051	0.012	52.072	0.016	52.116	0.012
44.429	-0.032	44.471	-0.036	44.502	-0.044	44.532	-0.052	52.154	0.016	52.191	0.025	52.238	0.029	52.269	0.037
44.563	-0.068	44.588	-0.047	44.629	-0.034	44.657	-0.016	52.294	0.045	52.314	0.050	52.356	0.050	52.397	0.046
44.695	0.001	44.726	-0.007	44.762	0.006	44.804	0.024	52.465	0.042	52.496	0.046	52.528	0.050	52.542	0.050
44.847	0.028	44.883	0.020	44.911	0.012	44.941	0.004	52.583	0.038	52.615	0.025	52.661	0.034	52.693	0.030
44.958	0.017	44.995	0.018	45.023	0.022	45.053	0.027	52.723	0.034	52.756	0.043	52.786	0.026	52.808	0.026
45.077	0.023	45.097	0.010	45.122	0.011	45.153	0.024	52.897	0.035	52.867	0.035	52.897	0.022	52.925	0.035
45.210	0.024	45.241	0.016	45.283	0.017	45.315	0.017	52.976	0.035	53.010	0.035	53.040	0.035	53.064	0.030
45.342	0.009	45.354	-0.003	45.370	0.014	45.392	0.026	53.086	0.026	53.129	0.022	53.162	0.005	53.194	0.001
45.414	0.031	45.436	0.035	45.453	0.023	45.472	0.027	53.227	0.005	53.266	-0.003	53.311	-0.020	53.344	-0.033
45.496	0.023	45.535	0.028	45.584	0.033	45.611	0.025	53.358	-0.016	53.388	-0.012	53.426	-0.016	53.462	-0.004
45.631	0.021	45.658	0.012	45.693	0.009	45.730	0.013	53.502	-0.012	53.538	-0.004	53.567	-0.004	53.602	-0.004
45.751	0.009	45.771	0.009	45.794	0.001	45.806	0.001	53.621	0.005	53.655	-0.004	53.674	-0.004	53.700	0.009
45.825	0.002	45.851	0.014	45.879	0.015	45.900	0.011	53.730	-0.004	53.753	-0.008	53.784	-0.008		
45.923	-0.002	45.947	-0.023	45.968	-0.023	45.998	-0.026								
46.011	-0.031	46.031	-0.022	46.063	-0.017	46.087	-0.013								
46.110	-0.000	46.125	-0.000	46.152	-0.004	46.171	-0.012								
46.196	0.001	46.226	0.001	46.256	0.005	46.282	0.001								
46.313	-0.008	46.336	-0.003	46.364	0.005	46.393	0.009								
46.465	0.017	46.500	0.030	46.551	0.030	46.621	0.021								
46.678	0.021	46.742	0.025	46.779	0.029	46.844	0.033								
46.925	0.037	47.011	0.041	47.050	0.036	47.084	0.032								
47.139	0.036	47.187	0.044	47.225	0.043	47.274	0.039								
47.337	0.027	47.394	0.019	47.452	-0.011	47.497	-0.031								
47.551	-0.048	47.583	-0.060	47.638	-0.073	47.682	-0.084								
47.723	-0.064	47.764	-0.055	47.783	-0.042	47.808	-0.050								
47.846	-0.050	47.877	-0.045	47.905	-0.032	47.935	-0.023								
47.973	-0.015	47.998	-0.014	48.055	-0.022	48.110	-0.021								
48.149	-0.012	48.206	0.005	48.258	-0.003	48.295	0.006								
48.343	0.010	48.373	0.027	48.426	0.027	48.476	0.019								
48.546	0.023	48.590	0.014	48.613	0.023	48.635	0.027								
48.664	0.023	48.683	0.035	48.708	0.022	48.741	0.026								
48.764	0.031	48.786	0.022	48.815	0.022	48.837	0.005								

IE072

71.048 2/9/71 0600PST 4680 WILSHIRE, BASEMENT N15E

2253 POINTS 53.737 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1695 G/10

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.223	0.005	0.383	0.011	0.573	0.016	0.758
0.028	0.901	0.046	0.800	0.053	0.632	0.063	0.425
0.070	0.290	0.090	0.152	0.109	0.042	0.132	-0.025
0.151	0.076	0.164	0.177	0.176	0.270	0.190	0.307
0.211	0.249	0.229	0.089	0.241	-0.122	0.255	-0.354
0.273	-0.501	0.290	-0.316	0.297	-0.143	0.306	0.068
0.325	0.316	0.354	0.186	0.380	-0.105	0.401	-0.349
0.410	-0.564	0.429	-0.762	0.447	-0.610	0.468	-0.214
0.475	0.072	0.487	0.379	0.507	0.472	0.526	0.287
0.551	0.156	0.573	0.236	0.602	0.325	0.640	0.308
0.614	0.460	0.716	0.232	0.739	0.076	0.776	0.249
0.814	0.451	0.855	0.216	0.875	-0.033	0.899	-0.302
0.924	-0.525	0.940	-0.374	0.954	-0.176	0.979	0.056
1.007	0.146	1.022	-0.256	1.040	-0.357	1.070	-0.066
1.114	0.132	1.081	0.233	1.089	0.426	1.107	0.590
1.142	0.329	1.160	0.178	1.172	0.178	1.194	-0.117
1.209	-0.285	1.237	-0.050	1.253	0.089	1.276	0.266
1.305	0.039	1.329	-0.269	1.342	-0.029	1.347	0.144
1.362	0.376	1.389	0.262	1.404	0.283	1.424	0.266
1.437	0.418	1.467	0.721	1.495	0.557	1.507	0.258
1.521	-0.147	1.526	-0.437	1.542	-0.694	1.565	-0.467
1.575	-0.096	1.593	0.152	1.624	-0.193	1.652	-0.441
1.675	-0.273	1.696	-0.176	1.716	-0.323	1.737	-0.441
1.748	-0.311	1.760	-0.142	1.779	-0.155	1.796	0.106
1.803	0.325	1.821	0.561	1.837	0.253	1.845	0.039
1.862	-0.142	1.881	0.030	1.901	0.161	1.944	0.224
1.965	0.005	1.984	-0.130	1.998	-0.046	2.007	0.017
2.025	0.034	2.034	0.177	2.052	0.392	2.061	0.257
2.079	0.097	2.096	0.097	2.110	-0.101	2.123	-0.253
2.142	-0.282	2.164	-0.455	2.178	-0.257	2.192	-0.114
2.216	-0.059	2.241	0.198	2.268	0.071	2.287	-0.177
2.311	-0.173	2.337	-0.346	2.353	-0.447	2.364	-0.241
2.385	0.050	2.404	-0.119	2.426	-0.241	2.447	-0.115
2.477	-0.001	2.493	0.167	2.506	0.331	2.517	0.525
2.566	0.529	2.579	0.373	2.590	0.087	2.601	-0.195
2.611	-0.528	2.632	-0.958	2.649	-0.705	2.662	-0.335
2.668	0.015	2.675	0.373	2.688	0.663	2.700	0.962
2.724	1.164	2.745	1.118	2.759	0.915	2.796	0.583
2.833	0.494	2.876	0.233	2.901	0.376	2.925	0.102
2.941	-0.365	2.965	-0.744	2.985	-0.723	3.008	-1.027

8.612	-0.074	8.655	0.065	8.581	0.161	8.703	0.014	16.114	0.016	16.152	-0.001	16.195	-0.000	16.228	-0.068
8.729	-0.134	8.780	-0.058	8.823	-0.223	8.847	-0.151	16.252	-0.093	16.272	-0.042	16.312	0.017	16.342	-0.034
8.876	-0.193	8.918	-0.046	9.001	0.008	9.046	-0.160	16.375	-0.004	16.415	0.013	16.442	-0.063	16.456	-0.093
9.090	-0.144	9.147	-0.358	9.171	-0.312	9.210	-0.409	16.489	-0.030	16.525	-0.034	16.581	0.021	16.636	-0.004
9.232	-0.384	9.252	-0.405	9.287	-0.317	9.334	-0.275	16.679	0.029	16.709	0.059	16.759	0.029	16.786	0.034
9.371	-0.039	9.404	0.230	9.433	0.348	9.490	0.366	16.821	-0.034	16.838	-0.021	16.857	0.000	16.875	-0.042
9.535	0.213	9.527	0.108	9.618	0.107	9.635	0.137	16.892	-0.059	16.924	-0.080	16.949	-0.051	16.962	-0.038
9.676	0.052	9.727	0.073	9.763	-0.003	9.775	0.028	16.989	-0.080	17.051	-0.025	17.027	-0.025	17.055	-0.053
9.812	0.027	9.846	-0.100	9.866	-0.163	9.894	-0.256	17.076	-0.139	17.100	-0.139	17.127	-0.110	17.141	-0.147
9.915	-0.159	9.939	-0.062	9.992	-0.062	10.022	-0.159	17.158	-0.190	17.184	-0.177	17.230	-0.160	17.274	-0.131
10.043	-0.197	10.081	-0.084	10.114	0.013	10.147	0.106	17.320	-0.105	17.352	-0.114	17.385	-0.114	17.399	-0.126
10.178	0.017	10.219	-0.038	10.241	-0.071	10.270	-0.059	17.436	-0.067	17.458	-0.025	17.469	-0.009	17.496	-0.076
10.294	-0.004	10.319	0.029	10.365	-0.135	10.389	0.135	17.509	-0.101	17.535	-0.038	17.572	0.013	17.604	0.063
10.424	-0.089	10.447	0.050	10.476	0.206	10.530	0.324	17.635	-0.118	17.670	0.050	17.716	-0.004	17.771	0.017
10.573	0.281	10.609	0.391	10.623	0.471	10.654	0.470	17.809	0.071	17.860	0.151	17.900	0.067	17.933	0.021
10.687	0.525	10.723	0.420	10.744	0.352	10.777	0.466	17.975	0.097	18.008	0.076	18.033	0.034	18.049	0.013
10.814	0.457	10.847	0.457	10.879	0.330	10.909	0.217	18.073	0.009	18.110	-0.045	18.137	-0.091	18.173	-0.007
10.929	0.162	10.978	0.174	11.010	0.245	11.054	0.110	18.207	0.082	18.256	0.019	18.288	-0.031	18.333	0.007
11.086	0.093	11.123	0.001	11.165	0.097	11.205	-0.055	18.365	-0.027	18.401	0.016	18.458	0.012	18.485	0.008
11.230	-0.152	11.256	-0.278	11.286	-0.337	11.331	-0.253	18.518	0.063	18.559	0.017	18.594	-0.004	18.638	0.030
11.371	-0.178	11.403	-0.157	11.429	-0.043	11.466	-0.069	18.661	0.010	18.688	-0.041	18.720	-0.083	18.751	-0.027
11.504	-0.031	11.542	-0.010	11.572	-0.035	11.600	0.024	18.791	-0.078	18.834	-0.006	18.867	0.045	18.902	0.063
11.628	0.075	11.679	0.100	11.714	0.100	11.750	0.117	18.942	-0.083	18.973	0.133	19.006	0.058	19.040	0.062
11.794	-0.060	11.826	-0.228	11.857	-0.334	11.883	-0.359	19.064	0.058	19.089	0.117	19.129	0.083	19.154	0.032
11.909	-0.330	11.938	-0.401	11.971	-0.430	12.014	-0.472	19.195	-0.081	19.231	-0.060	19.259	-0.060	19.293	-0.060
12.055	-0.405	12.070	-0.342	12.102	-0.278	12.144	-0.118	19.314	-0.081	19.345	-0.111	19.363	-0.073	19.377	-0.085
12.170	-0.190	12.193	-0.253	12.238	-0.261	12.296	-0.214	19.412	-0.001	19.456	-0.035	19.484	-0.010	19.512	0.041
12.320	-0.143	12.351	-0.025	12.375	-0.088	12.387	-0.113	19.534	0.070	19.575	0.041	19.618	0.062	19.644	0.024
12.428	-0.050	12.509	-0.062	12.545	0.014	12.577	0.031	19.662	0.037	19.688	0.100	19.709	0.129	19.747	0.087
12.602	-0.016	12.627	0.043	12.667	0.010	12.692	0.010	19.772	0.108	19.803	-0.010	19.827	-0.077	19.849	-0.026
12.728	-0.066	12.769	-0.049	12.818	-0.007	12.845	0.036	19.886	0.049	19.925	0.113	19.956	0.113	19.987	0.083
12.881	0.019	12.900	0.010	12.930	-0.032	12.967	0.031	20.032	0.138	20.071	0.122	20.247	-0.092	20.268	-0.126
12.997	-0.019	13.032	0.061	13.060	0.006	13.084	0.015	20.198	-0.101	20.220	-0.122	20.374	-0.155	20.404	-0.109
13.116	0.166	13.138	0.166	13.167	0.238	13.193	0.191	20.304	-0.079	20.341	-0.113	20.493	-0.022	20.526	0.081
13.215	0.166	13.242	0.204	13.270	0.225	13.300	0.301	20.431	-0.062	20.463	-0.070	20.493	0.022	20.526	0.081
13.333	0.301	13.371	0.381	13.405	0.356	13.433	0.322	20.577	0.019	20.626	0.002	20.655	0.032	20.683	0.082
13.461	0.255	13.493	0.162	13.543	0.171	13.571	0.103	20.709	0.070	20.744	0.108	20.777	0.062	20.810	0.011
13.590	0.040	13.612	0.002	13.654	0.003	13.684	-0.094	20.831	-0.022	20.868	-0.031	20.909	-0.005	20.935	0.008
13.718	-0.094	13.751	-0.166	13.790	-0.191	13.824	-0.166	20.972	-0.030	20.997	-0.026	21.029	-0.072	21.087	-0.004
13.861	-0.153	13.903	-0.275	13.937	-0.283	13.970	-0.220	21.123	0.005	21.174	0.022	21.213	-0.007	21.259	0.022
14.002	-0.144	14.039	-0.051	14.079	0.003	14.133	-0.030	21.296	0.006	21.327	0.006	21.365	-0.053	21.394	-0.019
14.170	0.054	14.196	0.172	14.229	0.218	14.268	0.231	21.418	-0.019	21.458	-0.115	21.493	-0.051	21.524	-0.073
14.309	0.155	14.339	0.109	14.382	0.092	14.409	0.118	21.553	-0.073	21.588	-0.115	21.629	-0.051	21.664	0.012
14.424	0.130	14.446	0.067	14.471	-0.004	14.505	-0.063	21.713	0.012	21.753	0.030	21.778	-0.012	21.830	0.030
14.532	-0.097	14.558	-0.110	14.583	-0.198	14.608	-0.227	21.898	0.043	21.924	-0.008	21.961	0.018	22.007	0.030
14.625	-0.173	14.650	-0.126	14.691	-0.173	14.717	-0.156	22.037	-0.045	22.074	-0.079	22.112	-0.012	22.150	0.032
14.775	-0.198	14.816	-0.143	14.844	-0.139	14.870	-0.122	22.185	0.043	22.225	0.013	22.282	0.039	22.317	0.009
14.892	-0.122	14.923	-0.076	14.979	-0.080	15.034	-0.055	22.366	0.034	22.393	0.022	22.436	0.056	22.474	0.009
15.053	-0.050	15.103	0.080	15.130	0.114	15.168	0.165	22.497	0.016	22.538	0.038	22.583	0.055	22.618	0.046
15.217	0.203	15.249	0.270	15.275	0.308	15.296	0.333	22.644	0.046	22.670	0.024	22.701	0.058	22.733	0.079
15.328	0.275	15.360	0.262	15.400	0.262	15.437	0.279	22.760	0.045	22.798	0.083	22.827	0.028	22.854	-0.015
15.486	0.250	15.517	0.221	15.542	0.208	15.561	0.141	22.879	0.057	22.903	-0.070	22.931	-0.015	22.966	-0.016
15.606	0.082	15.627	0.057	15.677	0.044	15.703	-0.010	23.017	-0.016	23.039	-0.042	23.058	-0.080	23.085	-0.055
15.747	-0.069	15.785	-0.060	15.812	-0.073	15.842	-0.022	23.115	-0.038	23.127	-0.089	23.152	-0.097	23.171	-0.089
15.863	-0.043	15.893	-0.018	15.926	-0.056	15.956	-0.047	23.192	-0.081	23.228	-0.090	23.273	-0.097	23.328	-0.040
15.989	-0.060	16.010	-0.077	16.051	-0.009	16.084	-0.043	23.389	-0.040	23.412	-0.061	23.466	-0.015	23.516	-0.028

23.530	-0.024	23.563	0.010	23.604	-0.037	23.651	-0.050	27.313	0.015	27.324	0.019	27.343	0.028	27.364	0.028
23.723	-0.050	23.771	0.004	23.826	0.046	23.838	0.055	27.383	0.032	27.411	0.027	27.426	0.023	27.435	0.019
23.879	0.034	23.902	0.059	23.924	0.088	23.955	0.046	27.451	0.002	27.467	-0.015	27.491	-0.031	27.510	-0.048
23.967	0.050	23.995	0.084	24.025	0.080	24.057	0.025	27.526	-0.061	27.545	-0.035	27.561	-0.039	27.583	-0.043
24.079	-0.004	24.101	-0.017	24.129	-0.004	24.160	0.004	27.598	-0.031	27.615	-0.001	27.628	-0.005	27.641	-0.018
24.191	-0.030	24.217	-0.042	24.244	-0.034	24.267	-0.021	27.657	-0.034	27.679	-0.034	27.696	-0.030	27.720	-0.025
24.290	-0.042	24.309	-0.059	24.328	-0.072	24.350	-0.051	27.733	-0.008	27.746	0.000	27.762	0.017	27.776	0.017
24.373	-0.038	24.403	-0.017	24.434	-0.001	24.457	0.004	27.797	0.009	27.816	0.005	27.838	0.005	27.853	0.018
24.485	0.004	24.502	0.008	24.515	0.050	24.530	0.088	27.875	0.022	27.888	0.043	27.905	0.047	27.915	0.047
24.560	0.088	24.588	0.087	24.616	0.083	24.639	0.058	27.940	0.043	27.954	0.039	27.970	0.022	27.984	0.001
24.666	0.016	24.688	-0.001	24.708	-0.006	24.724	0.007	27.997	-0.012	28.022	-0.016	28.049	0.009	28.068	-0.008
24.738	0.007	24.760	-0.010	24.777	-0.027	24.797	-0.010	28.093	-0.004	28.123	0.030	28.149	0.004	28.171	-0.004
24.814	-0.010	24.841	-0.010	24.873	-0.010	24.896	0.002	28.198	0.021	28.222	0.016	28.253	0.007	28.272	-0.003
24.918	-0.002	24.947	-0.011	24.970	-0.011	24.992	-0.015	28.285	-0.010	28.304	-0.014	28.326	-0.035	28.349	-0.027
25.018	-0.019	25.019	-0.019	25.030	-0.032	25.043	-0.023	28.374	-0.027	28.393	-0.031	28.407	-0.052	28.420	-0.053
25.055	-0.002	25.058	0.006	25.085	0.010	25.098	-0.011	28.443	-0.036	28.468	-0.036	28.490	-0.044	28.499	-0.053
25.112	-0.015	25.131	0.002	25.144	0.027	25.150	0.027	28.518	-0.053	28.546	-0.036	28.556	-0.032	28.576	-0.006
25.169	0.010	25.181	0.002	25.195	0.019	25.211	0.006	28.592	0.002	28.607	0.002	28.625	0.002	28.648	0.019
25.230	-0.006	25.252	-0.006	25.268	0.015	25.276	0.002	28.667	0.023	28.687	0.019	28.700	-0.010	28.717	-0.011
25.290	-0.006	25.299	-0.015	25.315	-0.006	25.333	0.031	28.725	-0.019	28.737	-0.036	28.750	-0.053	28.764	-0.053
25.347	0.036	25.358	0.044	25.369	0.040	25.383	0.031	28.773	-0.044	28.786	-0.027	28.806	-0.002	28.824	-0.011
25.395	0.023	25.403	0.019	25.420	0.053	25.436	0.069	28.844	-0.023	28.870	-0.023	28.889	-0.027	28.917	-0.027
25.452	0.086	25.464	0.069	25.477	0.078	25.491	0.065	28.933	-0.032	28.950	-0.049	28.967	-0.065	28.989	-0.061
25.509	0.065	25.521	0.069	25.536	0.094	25.558	0.107	29.002	-0.044	29.019	-0.019	29.027	-0.027	29.046	-0.044
25.566	0.111	25.572	0.111	25.586	0.128	25.597	0.149	29.064	-0.057	29.083	-0.053	29.097	-0.049	29.119	-0.044
25.618	0.149	25.635	0.141	25.651	0.124	25.662	0.119	29.139	-0.036	29.155	-0.023	29.164	-0.019	29.174	-0.036
25.681	0.098	25.702	0.086	25.712	0.073	25.721	0.052	29.186	0.061	29.202	0.061	29.211	0.053	29.221	0.031
25.732	0.043	25.740	0.018	25.750	0.002	25.765	0.001	29.229	0.010	29.236	-0.011	29.237	0.036	29.268	0.057
25.778	0.005	25.791	-0.003	25.807	-0.032	25.815	-0.033	29.279	0.048	29.288	0.006	29.299	-0.036	29.310	-0.053
25.832	-0.033	25.842	-0.020	25.859	-0.016	25.876	-0.033	29.319	-0.070	29.330	-0.070	29.353	-0.049	29.374	-0.019
25.884	-0.045	25.891	-0.058	25.905	-0.058	25.918	-0.054	29.388	0.002	29.402	0.006	29.405	0.019	29.416	0.023
25.934	-0.054	25.943	-0.062	25.959	-0.083	25.975	-0.075	29.433	0.006	29.441	-0.011	29.450	-0.023	29.456	-0.044
25.986	-0.067	25.999	-0.050	26.013	-0.054	26.021	-0.067	29.464	-0.044	29.476	-0.023	29.492	-0.011	29.508	0.019
26.037	-0.084	26.041	-0.092	26.048	-0.105	26.059	-0.109	29.522	0.027	29.529	0.006	29.554	0.002	29.573	0.019
26.076	-0.088	26.087	-0.084	26.105	-0.093	26.108	-0.101	29.567	0.018	29.572	0.001	29.591	0.006	29.605	0.010
26.118	-0.110	26.127	-0.118	26.143	-0.105	26.157	-0.089	29.592	0.027	29.610	0.031	29.624	0.023	29.643	0.014
26.176	-0.085	26.194	-0.085	26.206	-0.080	26.216	-0.072	29.718	-0.007	29.729	-0.020	29.754	-0.041	29.757	-0.037
26.227	-0.050	26.240	-0.051	26.254	-0.051	26.270	-0.051	29.775	-0.007	29.783	0.005	29.791	0.014	29.807	-0.003
26.289	-0.064	26.306	-0.081	26.321	-0.085	26.335	-0.094	29.825	-0.037	29.843	-0.058	29.849	-0.054	29.866	-0.016
26.348	-0.069	26.360	-0.086	26.372	-0.094	26.387	-0.094	29.886	-0.021	29.899	-0.033	29.905	-0.042	29.918	-0.033
26.399	-0.086	26.410	-0.077	26.418	-0.073	26.427	-0.082	29.932	-0.021	29.947	0.013	29.955	0.021	29.972	0.008
26.438	-0.090	26.456	-0.095	26.469	-0.082	26.480	-0.069	29.975	-0.004	29.982	-0.017	29.991	-0.030	29.997	-0.038
26.492	-0.069	26.507	-0.053	26.521	-0.040	26.537	-0.040	30.019	-0.034	30.030	-0.043	30.044	-0.072	30.060	-0.106
26.551	-0.028	26.559	0.006	26.570	0.014	26.585	0.014	30.071	-0.114	30.074	-0.114	30.086	-0.085	30.100	-0.051
26.602	-0.003	26.615	-0.007	26.623	-0.003	26.632	0.001	30.107	-0.014	30.113	0.016	30.118	0.016	30.130	-0.014
26.644	0.026	26.652	0.039	26.664	0.047	26.683	0.068	30.144	-0.056	30.155	-0.081	30.177	-0.081	30.193	-0.035
26.698	0.056	26.718	0.077	26.733	0.098	26.744	0.097	30.204	-0.009	30.216	0.012	30.230	0.087	30.236	0.104
26.761	0.089	26.779	0.076	26.787	0.063	26.795	0.050	30.254	0.130	30.272	0.130	30.285	0.075	30.299	0.037
26.804	0.059	26.820	0.075	26.840	0.083	26.851	0.066	30.318	0.041	30.332	0.058	30.346	0.079	30.354	0.062
26.862	0.058	26.876	0.058	26.888	0.057	26.902	0.049	30.367	0.028	30.370	0.003	30.380	-0.001	30.394	0.054
26.908	0.040	26.928	0.023	26.945	0.002	26.955	0.002	30.408	0.113	30.421	0.100	30.440	0.087	30.467	0.092
26.971	0.014	26.990	0.018	27.015	0.005	27.036	0.026	30.482	0.104	30.492	0.100	30.509	0.066	30.520	0.050
27.047	0.021	27.062	0.009	27.076	0.017	27.094	0.033	30.531	0.029	30.550	-0.012	30.563	0.029	30.577	0.037
27.107	0.033	27.121	0.029	27.134	0.037	27.156	0.062	30.588	0.012	30.598	-0.009	30.611	-0.026	30.634	-0.018
27.175	0.083	27.195	0.066	27.211	0.075	27.223	0.053	30.645	-0.026	30.660	-0.030	30.671	-0.022	30.691	-0.001
27.241	0.020	27.250	0.015	27.268	0.015	27.292	0.024	30.710	-0.005	30.729	0.012	30.742	0.021	30.753	0.012

30.777	-0.004	30.791	-0.004	30.807	0.008	30.820	0.029	34.883	0.016	34.909	0.015	34.936	-0.002	34.959	0.002
30.831	0.017	30.862	0.004	30.853	-0.021	30.864	-0.047	34.973	-0.002	34.996	-0.011	35.023	0.801	35.043	-0.020
30.880	-0.072	30.900	-0.059	30.920	-0.042	30.946	-0.043	35.072	-0.024	35.116	-0.007	35.131	-0.012	35.131	-0.025
30.970	-0.038	30.991	-0.013	31.005	-0.030	31.020	-0.043	35.142	-0.029	35.172	-0.016	35.189	-0.012	35.209	-0.021
31.040	-0.030	31.056	-0.047	31.080	-0.030	31.088	-0.034	35.234	-0.025	35.267	-0.000	35.285	-0.009	35.306	-0.021
31.100	-0.064	31.108	-0.081	31.122	-0.064	31.132	-0.022	35.332	-0.015	35.368	-0.000	35.371	0.004	35.390	-0.005
31.143	-0.018	31.156	-0.030	31.172	-0.047	31.184	-0.056	35.410	-0.013	35.431	-0.026	35.442	-0.030	35.457	-0.039
31.200	-0.064	31.210	-0.073	31.221	-0.069	31.247	-0.052	35.475	-0.039	35.501	-0.030	35.515	-0.030	35.543	-0.009
31.266	-0.048	31.296	-0.039	31.304	-0.043	31.324	-0.039	35.559	-0.005	35.586	0.016	35.611	0.028	35.633	0.037
31.340	-0.018	31.353	-0.001	31.362	0.011	31.369	0.003	35.648	0.032	35.672	0.032	35.702	0.045	35.727	0.045
31.378	-0.006	31.391	-0.052	31.402	-0.069	31.409	-0.048	35.748	0.028	35.777	0.041	35.795	0.053	35.811	0.040
31.421	-0.019	31.428	-0.002	31.441	0.036	31.453	0.070	35.829	0.024	35.858	0.002	35.877	0.036	35.904	0.040
31.460	0.057	31.473	0.049	31.497	0.024	31.533	0.053	35.937	0.019	35.964	0.008	35.972	0.002	35.991	0.011
31.549	0.053	31.569	0.049	31.585	0.020	31.602	0.041	36.009	0.006	36.030	-0.011	36.047	-0.015	36.061	-0.023
31.618	0.053	31.631	0.041	31.646	0.028	31.670	0.020	36.077	-0.023	36.101	-0.015	36.112	-0.007	36.132	0.014
31.690	0.033	31.693	0.024	31.710	-0.009	31.716	-0.022	36.156	-0.019	36.183	0.014	36.206	0.006	36.231	-0.003
31.734	-0.026	31.761	0.021	31.783	0.046	31.799	0.042	36.249	-0.007	36.263	-0.019	36.280	-0.028	36.309	-0.024
31.809	0.038	31.815	0.034	31.825	0.021	31.841	0.000	36.345	-0.011	36.370	-0.011	36.394	-0.016	36.404	-0.024
31.848	-0.013	31.861	-0.017	31.895	0.005	31.912	0.017	36.434	-0.020	36.462	-0.003	36.492	0.001	36.518	-0.016
31.939	0.013	31.963	0.018	31.990	0.030	32.012	0.022	36.552	-0.016	36.579	-0.012	36.700	0.022	36.730	0.013
32.031	0.022	32.070	0.031	32.084	0.031	32.113	0.018	36.757	0.009	36.782	0.009	36.808	-0.008	36.838	-0.013
32.130	-0.003	32.132	-0.003	32.179	-0.011	32.199	-0.011	36.860	-0.013	36.885	-0.026	36.884	-0.017	36.892	-0.026
32.218	-0.011	32.235	-0.007	32.257	-0.002	32.280	0.015	36.905	-0.038	36.922	-0.039	36.945	-0.005	36.967	-0.001
32.297	-0.019	32.315	-0.028	32.340	-0.028	32.353	-0.027	36.985	-0.009	37.017	-0.018	37.036	-0.014	37.055	-0.027
32.370	-0.032	32.381	-0.053	32.391	-0.061	32.406	-0.078	37.077	-0.018	37.095	-0.035	37.111	-0.040	37.133	-0.053
32.414	-0.086	32.429	-0.065	32.440	-0.048	32.452	-0.027	37.150	-0.032	37.165	-0.044	37.195	-0.061	37.213	-0.059
32.459	0.010	32.468	0.010	32.484	0.018	32.503	0.027	37.227	-0.045	37.254	-0.041	37.272	-0.054	37.292	-0.071
32.521	0.007	32.536	0.041	32.554	0.049	32.579	0.045	37.302	-0.062	37.318	-0.042	37.332	-0.021	37.356	-0.004
32.603	0.037	32.628	0.029	32.644	-0.004	32.655	-0.008	37.380	-0.004	37.407	-0.013	37.429	-0.022	37.445	-0.005
32.677	0.016	32.692	0.012	32.708	-0.004	32.723	-0.004	37.459	0.008	37.472	0.037	37.490	0.054	37.498	0.053
32.742	0.000	32.761	0.004	32.780	-0.008	32.799	-0.016	37.515	0.045	37.539	0.011	37.549	-0.002	37.568	-0.002
32.818	-0.033	32.829	-0.041	32.858	-0.037	32.881	-0.024	37.592	0.027	37.606	0.023	37.622	0.010	37.639	-0.011
32.900	-0.028	32.921	-0.032	32.940	-0.032	32.965	-0.015	37.641	-0.011	37.662	-0.016	37.676	-0.007	37.704	0.014
32.975	0.002	33.003	0.002	33.034	-0.010	33.049	-0.014	37.719	0.018	37.744	0.018	37.754	0.009	37.770	-0.016
33.074	-0.022	33.091	-0.014	33.105	-0.005	33.123	0.012	37.778	-0.016	37.795	-0.001	37.813	0.022	37.825	0.022
33.142	0.012	33.156	0.001	33.167	-0.014	33.178	-0.026	37.844	-0.004	37.862	-0.016	37.878	0.000	37.922	0.030
33.197	-0.043	33.219	-0.043	33.249	-0.026	33.284	-0.010	37.935	0.038	37.959	0.030	37.982	0.025	38.005	0.035
33.299	0.028	33.313	0.037	33.324	0.028	33.345	0.020	38.022	0.060	38.043	0.052	38.062	0.035	38.079	0.018
33.367	0.045	33.387	0.054	33.395	0.049	33.417	0.041	38.093	0.010	38.123	0.002	38.139	0.010	38.158	0.019
33.431	0.037	33.449	0.041	33.469	0.041	33.491	0.037	38.179	0.040	38.196	0.031	38.219	0.019	38.238	0.011
33.503	0.037	33.518	0.033	33.527	0.028	33.544	0.020	38.260	0.011	38.290	0.023	38.322	0.019	38.339	0.011
33.551	0.003	33.574	-0.010	33.588	0.007	33.604	0.003	38.364	0.020	38.383	0.033	38.402	0.028	38.429	0.020
33.620	-0.005	33.640	-0.009	33.664	-0.009	33.689	-0.005	38.448	0.033	38.478	0.033	38.505	0.037	38.529	0.029
33.703	-0.005	33.731	-0.008	33.751	-0.009	33.775	-0.005	38.541	0.004	38.562	-0.009	38.592	0.012	38.611	0.021
33.783	0.005	33.791	-0.012	33.809	-0.024	33.841	-0.003	38.633	0.017	38.655	0.008	38.680	0.004	38.694	-0.008
33.859	-0.015	33.894	-0.023	33.914	-0.032	33.934	-0.027	38.715	-0.017	38.740	-0.012	38.762	0.000	38.789	-0.004
33.958	-0.010	33.964	-0.002	33.983	-0.001	34.000	-0.005	38.816	0.021	38.833	0.017	38.863	0.009	38.885	-0.004
34.017	-0.018	34.034	-0.026	34.050	-0.026	34.072	-0.025	38.905	-0.012	38.919	0.001	38.946	0.013	38.977	-0.004
34.089	-0.017	34.108	-0.004	34.128	0.018	34.149	0.030	38.983	-0.008	39.008	-0.012	39.026	0.009	39.035	0.005
34.169	0.035	34.189	0.026	34.208	0.018	34.228	-0.007	39.055	-0.008	39.076	-0.003	39.096	0.001	39.132	0.009
34.249	-0.015	34.270	-0.011	34.284	-0.002	34.312	0.002	39.149	-0.003	39.170	-0.007	39.195	-0.016	39.209	-0.012
34.337	-0.019	34.359	-0.023	34.382	-0.015	34.403	0.006	39.229	-0.003	39.261	-0.003	39.278	-0.007	39.297	-0.007
34.420	0.006	34.445	-0.002	34.474	0.015	34.513	0.031	39.309	-0.003	39.328	0.001	39.351	0.001	39.364	-0.012
34.550	0.031	34.580	0.027	34.606	0.023	34.631	0.027	39.373	-0.020	39.390	-0.033	39.415	-0.020	39.440	-0.016
34.673	0.027	34.693	0.022	34.716	0.008	34.730	-0.008	39.457	-0.025	39.472	-0.029	39.486	-0.046	39.497	-0.050
34.757	-0.016	34.794	-0.004	34.819	0.008	34.849	0.012								

39.518	-0.063	39.539	-0.063	39.567	-0.046	39.595	-0.033	44.932	0.015	44.964	0.007	45.007	0.016	45.020	0.003
39.625	-0.033	39.651	-0.034	39.675	-0.050	39.692	-0.055	45.056	-0.018	45.068	-0.018	45.095	-0.005	45.131	0.004
39.715	-0.038	39.734	-0.029	39.747	-0.021	39.767	-0.009	45.175	-0.000	45.202	0.021	45.228	0.025	45.250	0.017
39.795	-0.009	39.815	-0.013	39.847	-0.021	39.865	-0.026	45.281	0.009	45.308	0.021	45.344	0.009	45.360	0.009
39.886	-0.021	39.900	-0.017	39.931	-0.005	39.942	-0.005	45.395	0.018	45.426	0.001	45.453	0.001	45.478	0.001
39.981	-0.001	40.019	0.003	40.036	-0.001	40.053	0.003	45.500	-0.011	45.532	-0.032	45.541	-0.049	45.562	-0.041
40.078	-0.001	40.102	-0.014	40.127	-0.014	40.158	-0.001	45.598	-0.033	45.629	-0.057	45.642	-0.061	45.672	-0.069
40.183	-0.009	40.205	-0.010	40.223	0.003	40.237	0.020	45.716	-0.037	45.743	-0.040	45.769	-0.048	45.795	-0.052
40.259	0.033	40.281	0.028	40.299	0.011	40.314	-0.001	45.823	-0.039	45.842	-0.026	45.877	-0.009	45.896	-0.014
40.328	-0.010	40.348	-0.018	40.361	-0.014	40.384	-0.015	45.918	0.003	45.944	-0.009	45.958	-0.013	45.996	-0.013
40.399	-0.010	40.413	-0.006	40.432	-0.001	40.454	0.015	46.015	-0.004	46.039	-0.012	46.055	-0.004	46.074	0.005
40.466	-0.020	40.487	0.024	40.504	0.037	40.520	0.041	46.088	0.001	46.120	-0.012	46.153	-0.011	46.161	-0.003
40.551	0.020	40.583	0.028	40.606	0.036	40.624	0.036	46.194	-0.003	46.229	-0.019	46.262	-0.015	46.284	-0.010
40.639	0.036	40.661	0.019	40.680	0.028	40.701	0.036	46.312	0.003	46.329	-0.001	46.339	-0.010	46.364	-0.009
40.724	0.019	40.740	-0.006	40.759	-0.006	40.782	0.003	46.382	-0.013	46.407	-0.017	46.434	-0.034	46.460	-0.025
40.803	-0.006	40.825	-0.023	40.846	-0.027	40.870	-0.014	46.498	-0.025	46.517	-0.021	46.541	-0.025	46.555	-0.029
40.887	0.002	40.916	-0.006	40.928	-0.023	40.936	-0.027	46.576	-0.034	46.592	-0.062	46.605	-0.062	46.630	-0.041
40.966	-0.031	40.984	-0.040	41.006	-0.040	41.023	-0.048	46.645	-0.019	46.667	-0.028	46.697	-0.019	46.716	-0.006
41.042	-0.048	41.063	-0.036	41.085	-0.027	41.111	-0.036	46.734	-0.019	46.755	-0.023	46.782	-0.010	46.794	-0.035
41.134	-0.036	41.158	-0.044	41.182	-0.032	41.206	-0.019	46.809	-0.030	46.817	-0.030	46.834	-0.022	46.850	-0.005
41.218	-0.019	41.244	-0.036	41.266	-0.057	41.320	-0.065	46.867	-0.004	46.888	-0.013	46.910	-0.025	46.947	-0.025
41.329	-0.065	41.371	-0.049	41.390	-0.036	41.425	-0.019	46.967	-0.016	46.993	-0.003	47.018	-0.003	47.044	-0.002
41.463	-0.023	41.493	-0.032	41.530	-0.015	41.546	0.002	47.063	0.002	47.085	0.006	47.096	0.006	47.117	-0.010
41.563	0.010	41.589	0.023	41.606	0.015	41.631	0.010	47.148	-0.014	47.171	-0.014	47.204	-0.001	47.223	-0.018
41.657	0.002	41.678	-0.015	41.706	-0.015	41.733	0.002	47.242	-0.014	47.261	-0.011	47.293	-0.001	47.321	-0.005
41.762	0.019	41.778	0.027	41.797	0.019	41.822	0.010	47.341	-0.000	47.357	0.017	47.379	0.029	47.395	0.017
41.835	0.015	41.855	0.027	41.865	0.031	41.881	0.027	47.414	-0.008	47.437	-0.008	47.464	0.013	47.489	0.001
41.908	-0.019	41.932	0.027	41.951	0.019	41.971	0.002	47.511	-0.016	47.533	-0.016	47.561	0.001	47.580	0.026
41.987	-0.019	42.002	-0.032	42.019	-0.032	42.048	-0.015	47.597	0.009	47.624	-0.008	47.660	0.001	47.674	0.022
42.063	-0.006	42.082	0.010	42.109	0.015	42.141	0.031	47.706	0.005	47.720	-0.016	47.751	-0.008	47.776	0.009
42.160	0.036	42.187	0.031	42.225	0.036	42.275	0.027	47.800	-0.008	47.828	-0.016	47.850	0.013	47.877	0.009
42.206	0.027	42.246	0.015	42.269	0.019	42.401	0.002	47.900	0.009	47.916	0.017	47.940	0.013	47.960	0.013
42.246	-0.015	42.259	-0.015	42.285	0.002	42.510	0.010	47.985	0.013	48.031	0.013	48.070	-0.005	48.103	-0.005
42.540	0.002	42.570	0.010	42.595	0.002	42.628	0.006	48.133	0.016	48.171	0.011	48.221	-0.002	48.271	0.015
42.638	0.002	42.655	0.006	42.684	0.002	42.696	-0.002	48.317	0.010	48.350	-0.003	48.394	0.004	48.424	0.005
42.723	0.010	42.737	0.010	42.763	0.006	42.791	-0.011	48.478	0.022	48.512	0.030	48.564	0.004	48.613	-0.017
42.827	-0.011	42.859	-0.002	42.881	0.015	42.898	0.002	48.640	-0.018	48.690	-0.005	48.725	0.012	48.761	-0.001
42.922	-0.002	42.944	0.019	42.963	0.006	42.992	-0.002	48.781	-0.018	48.833	-0.026	48.857	-0.022	48.879	-0.005
43.014	0.019	43.033	0.027	43.059	0.010	43.075	0.019	48.891	-0.009	48.921	-0.022	48.948	0.003	48.970	-0.014
43.097	0.006	43.132	-0.006	43.173	0.010	43.195	0.014	48.990	-0.018	49.013	0.003	49.040	0.020	49.062	0.012
43.214	0.002	43.232	0.002	43.258	-0.002	43.281	-0.024	49.095	-0.004	49.152	0.006	49.194	0.022	49.222	0.014
43.299	-0.045	43.323	-0.032	43.356	-0.015	43.380	-0.011	49.257	0.014	49.290	0.006	49.329	-0.010	49.384	-0.005
43.407	-0.024	43.419	-0.024	43.432	-0.016	43.460	-0.007	49.416	-0.018	49.461	-0.009	49.494	0.008	49.537	-0.004
43.487	-0.003	43.520	-0.003	43.552	-0.016	43.576	-0.016	49.561	-0.008	49.592	-0.012	49.627	-0.003	49.658	0.014
43.606	-0.003	43.623	0.009	43.644	0.004	43.670	0.020	49.687	0.010	49.718	0.010	49.734	0.010	49.775	0.006
43.692	-0.025	43.722	-0.029	43.752	-0.038	43.784	-0.034	49.796	-0.007	49.815	-0.007	49.841	0.002	49.873	0.019
43.804	-0.034	43.834	-0.034	43.866	-0.042	43.878	-0.047	49.903	0.006	49.930	-0.007	49.946	0.002	49.989	0.031
43.897	-0.042	43.933	-0.034	43.962	-0.017	43.982	-0.043	50.025	0.018	50.060	0.030	50.087	0.034	50.118	0.030
43.996	-0.043	44.037	-0.064	44.084	-0.073	44.114	-0.077	50.145	0.013	50.169	0.017	50.188	0.033	50.213	0.029
44.136	-0.077	44.152	-0.077	44.179	-0.065	44.205	-0.065	50.240	0.008	50.265	0.016	50.286	0.024	50.313	0.011
44.229	-0.065	44.262	-0.035	44.286	-0.027	44.319	-0.052	50.346	-0.006	50.370	-0.002	50.432	-0.012	50.452	-0.025
44.333	-0.069	44.348	-0.061	44.381	-0.048	44.409	-0.023	50.473	-0.025	50.492	-0.029	50.522	-0.021	50.553	-0.030
44.445	-0.006	44.488	0.010	44.538	0.010	44.555	0.000	50.601	-0.039	50.644	-0.035	50.674	-0.027	50.693	-0.032
44.580	-0.011	44.621	-0.006	44.644	-0.002	44.687	0.015	50.713	-0.028	50.740	-0.007	50.754	-0.007	50.791	-0.024
44.724	0.002	44.757	0.006	44.782	0.015	44.818	0.007	50.824	-0.024	50.859	-0.003	50.892	-0.003	50.927	-0.004
44.837	-0.002	44.863	-0.002	44.882	0.002	44.899	0.011	50.955	0.009	50.968	0.009	50.997	0.004	51.031	0.000

IE072

71.048 2/9/71 0600PST 4680 WILSHIRE, BASEMENT DOWN

3624 POINTS 53.734 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0909 G/10

51.066 -0.000 51.092 -0.008 51.114 -0.021 51.145 -0.021
51.168 -0.008 51.199 -0.016 51.221 -0.025 51.267 -0.037
51.321 -0.033 51.359 -0.016 51.397 -0.003 51.436 -0.007
51.472 0.018 51.508 -0.010 51.542 -0.003 51.569 0.006
51.605 0.010 51.634 -0.002 51.659 0.011 51.669 0.011
51.696 0.011 51.732 0.003 51.759 -0.001 51.810 -0.005
51.873 -0.017 51.932 0.000 51.968 0.013 52.011 0.018
52.046 0.023 52.078 0.031 52.114 0.040 52.156 0.032
52.184 0.032 52.229 0.041 52.268 0.028 52.330 0.007
52.369 -0.010 52.395 -0.019 52.428 -0.023 52.442 -0.010
52.476 0.015 52.520 0.006 52.537 -0.002 52.553 0.006
52.575 0.019 52.629 0.014 52.676 -0.003 52.697 -0.003
52.733 0.010 52.771 -0.007 52.809 -0.024 52.841 -0.016
52.884 0.002 52.925 -0.006 52.959 -0.026 52.999 -0.022
53.037 -0.017 53.056 -0.017 53.083 0.001 53.119 -0.007
53.143 -0.003 53.173 -0.003 53.220 0.003 53.255 0.009
53.274 0.005 53.329 0.004 53.359 0.008 53.403 -0.005
53.435 0.003 53.470 -0.002 53.513 -0.019 53.547 -0.028
53.600 -0.020 53.641 -0.020 53.660 -0.020 53.679 -0.008
53.737 0.013

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.492	0.009	0.521	0.014	0.437	0.023	0.269
0.028	0.079	0.032	0.051	0.039	-0.119	0.047	-0.144
0.053	-0.102	0.067	-0.064	0.072	-0.073	0.079	-0.106
0.086	-0.136	0.093	-0.165	0.102	-0.191	0.107	-0.203
0.113	-0.233	0.121	-0.237	0.127	-0.225	0.134	-0.178
0.141	-0.132	0.144	-0.094	0.151	-0.077	0.157	-0.044
0.164	-0.006	0.171	0.049	0.176	0.133	0.183	0.221
0.190	0.285	0.197	0.348	0.206	0.365	0.211	0.348
0.220	0.272	0.227	0.213	0.234	0.129	0.239	0.095
0.246	0.053	0.253	0.019	0.267	0.015	0.276	0.078
0.283	0.099	0.292	0.099	0.301	0.061	0.310	0.031
0.320	0.002	0.336	-0.024	0.354	-0.032	0.366	-0.032
0.383	-0.049	0.398	-0.049	0.410	-0.041	0.424	-0.007
0.433	0.022	0.447	0.094	0.459	0.161	0.466	0.199
0.478	0.190	0.489	0.127	0.496	0.051	0.505	-0.037
0.514	-0.105	0.522	-0.138	0.524	-0.126	0.530	-0.084
0.538	-0.012	0.552	0.089	0.563	-0.219	0.572	0.270
0.579	0.244	0.586	0.194	0.595	0.110	0.605	0.059
0.614	0.008	0.626	0.012	0.635	0.067	0.642	0.122
0.649	0.177	0.656	0.206	0.665	0.240	0.668	0.181
0.677	0.122	0.684	0.067	0.691	-0.022	0.698	-0.135
0.707	-0.169	0.712	-0.169	0.725	-0.140	0.732	-0.115
0.739	-0.140	0.746	-0.178	0.753	-0.203	0.763	-0.224
0.776	-0.199	0.783	-0.161	0.793	-0.128	0.806	-0.111
0.814	-0.128	0.828	-0.170	0.836	-0.237	0.842	-0.301
0.852	-0.385	0.860	-0.414	0.869	-0.393	0.877	-0.313
0.887	-0.162	0.895	-0.061	0.901	0.024	0.909	0.112
0.922	0.146	0.926	0.133	0.934	0.091	0.946	0.024
0.958	-0.069	0.970	-0.124	0.979	-0.187	0.987	-0.242
0.993	-0.288	1.001	-0.330	1.005	-0.364	1.019	-0.368
1.029	-0.322	1.036	-0.238	1.042	-0.162	1.048	-0.128
1.054	-0.061	1.058	-0.006	1.066	0.070	1.072	0.099
1.080	0.166	1.082	0.133	1.088	0.049	1.092	-0.116
1.101	-0.238	1.115	-0.335	1.123	-0.394	1.131	-0.419
1.143	-0.314	1.152	-0.263	1.162	-0.238	1.176	-0.213
1.192	-0.192	1.204	-0.162	1.215	-0.108	1.225	-0.023
1.235	0.031	1.245	0.082	1.255	0.095	1.263	0.048
1.276	-0.019	1.282	-0.078	1.287	-0.108	1.293	-0.120
1.298	-0.137	1.308	-0.108	1.315	-0.053	1.321	-0.032
1.326	-0.002	1.329	0.002	1.340	-0.053	1.342	-0.074

1.349	-0.112	1.355	-0.120	1.362	-0.049	1.366	0.010	2.887	0.280	2.894	0.381	2.899	0.423	2.901	0.444
1.371	0.082	1.376	0.141	1.383	0.204	1.392	0.250	2.907	0.343	2.910	0.254	2.917	0.200	2.926	0.128
1.396	0.292	1.399	0.305	1.404	0.246	1.413	0.162	2.934	0.132	2.940	0.153	2.950	0.161	2.958	0.149
1.418	0.094	1.424	0.031	1.434	-0.019	1.441	-0.036	2.961	0.119	2.969	0.056	2.974	0.018	2.980	-0.020
1.453	-0.095	1.463	-0.154	1.469	-0.238	1.474	-0.457	2.987	-0.045	2.988	-0.066	2.995	0.022	3.003	0.110
1.476	-0.609	1.483	-0.748	1.493	-0.841	1.495	-0.815	3.007	0.190	3.012	0.304	3.015	0.355	3.020	0.317
1.500	-0.580	1.507	-0.525	1.511	-0.243	1.518	-0.032	3.031	0.262	3.041	0.203	3.050	0.198	3.063	0.261
1.523	0.136	1.530	0.376	1.537	0.465	1.549	0.528	3.073	0.329	3.077	0.320	3.084	0.236	3.090	0.160
1.553	0.515	1.565	0.443	1.577	0.342	1.584	0.225	3.097	0.084	3.104	0.021	3.111	0.038	3.122	0.093
1.593	0.094	1.601	0.060	1.607	-0.007	1.619	-0.066	3.125	0.118	3.135	0.135	3.141	0.076	3.149	-0.000
1.628	0.056	1.634	0.166	1.641	0.275	1.648	0.380	3.154	-0.064	3.160	-0.144	3.165	-0.236	3.171	-0.337
1.654	0.452	1.662	0.511	1.668	0.406	1.673	0.283	3.173	-0.401	3.178	-0.502	3.181	-0.556	3.186	-0.636
1.682	0.166	1.685	0.065	1.692	0.001	1.704	0.018	3.194	-0.717	3.198	-0.691	3.203	-0.573	3.210	-0.451
1.713	0.077	1.723	0.107	1.730	0.081	1.739	0.052	3.214	-0.334	3.217	-0.266	3.225	-0.127	3.232	0.007
1.751	-0.007	1.762	-0.041	1.767	-0.112	1.774	-0.159	3.237	0.083	3.241	0.138	3.249	0.070	3.257	0.011
1.779	-0.205	1.786	-0.281	1.787	-0.314	1.794	-0.365	3.264	-0.073	3.268	-0.145	3.275	-0.225	3.280	-0.326
1.799	-0.361	1.805	-0.298	1.808	-0.213	1.814	-0.129	3.281	-0.380	3.287	-0.410	3.292	-0.418	3.300	-0.322
1.819	-0.058	1.825	0.014	1.830	0.102	1.836	0.123	3.306	-0.233	3.312	-0.204	3.320	-0.170	3.325	-0.145
1.841	0.073	1.846	0.035	1.849	-0.015	1.857	-0.062	3.337	-0.137	3.348	-0.154	3.359	-0.187	3.364	-0.192
1.874	-0.104	1.884	-0.129	1.893	-0.197	1.906	-0.264	3.367	-0.200	3.375	-0.175	3.383	-0.086	3.389	-0.002
1.909	-0.298	1.914	-0.327	1.920	-0.352	1.927	-0.260	3.392	0.166	3.395	0.284	3.401	0.381	3.405	0.473
1.931	-0.150	1.941	-0.083	1.952	-0.053	1.960	-0.037	3.408	0.595	3.412	0.680	3.417	0.797	3.423	0.296
1.963	-0.003	1.968	0.056	1.972	0.128	1.979	0.187	3.426	0.621	3.433	0.465	3.439	0.368	3.445	0.296
1.988	0.027	1.995	-0.037	2.004	-0.095	2.012	-0.095	3.450	0.220	3.456	0.132	3.462	0.080	3.469	0.027
2.021	-0.045	2.023	-0.028	2.029	0.001	2.036	-0.049	3.475	-0.041	3.480	-0.100	3.483	-0.171	3.486	-0.188
2.040	-0.104	2.045	-0.146	2.051	-0.184	2.059	-0.197	3.492	-0.264	3.494	-0.273	3.497	-0.315	3.500	-0.180
2.061	-0.166	2.066	-0.104	2.072	-0.087	2.078	-0.074	3.505	-0.100	3.511	-0.003	3.514	0.064	3.519	0.144
2.083	-0.100	2.091	-0.129	2.097	-0.163	2.102	-0.163	3.525	0.220	3.530	0.220	3.537	0.156	3.544	0.131
2.108	-0.079	2.115	-0.039	2.121	0.166	2.124	0.246	3.547	0.169	3.551	0.194	3.559	0.245	3.567	0.270
2.131	0.326	2.135	0.397	2.143	0.393	2.149	0.330	3.573	0.257	3.583	0.207	3.586	0.139	3.594	0.038
2.154	0.250	2.161	0.161	2.170	0.102	2.178	0.065	3.598	-0.021	3.605	-0.084	3.606	-0.126	3.611	-0.181
2.184	0.014	2.195	-0.011	2.213	-0.003	2.217	0.031	3.617	-0.215	3.620	-0.240	3.628	-0.181	3.633	-0.148
2.222	0.031	2.225	-0.016	2.233	-0.112	2.235	-0.192	3.639	-0.139	3.645	-0.190	3.650	-0.228	3.656	-0.262
2.241	-0.277	2.248	-0.310	2.255	-0.235	2.262	-0.146	3.661	-0.291	3.666	-0.283	3.673	-0.174	3.680	-0.102
2.266	-0.058	2.276	-0.007	2.279	-0.037	2.284	-0.075	3.686	-0.018	3.689	0.066	3.695	0.150	3.700	0.331
2.287	-0.130	2.292	-0.180	2.297	-0.247	2.305	-0.231	3.708	0.398	3.712	0.436	3.717	0.369	3.723	0.322
2.313	-0.193	2.317	-0.197	2.324	-0.248	2.332	-0.277	3.737	0.263	3.744	0.246	3.748	0.196	3.756	0.111
2.343	-0.281	2.351	-0.231	2.357	-0.206	2.362	-0.180	3.759	0.077	3.762	0.010	3.770	-0.049	3.776	-0.020
2.370	-0.159	2.376	-0.231	2.383	-0.294	2.389	-0.315	3.786	0.026	3.789	0.085	3.792	0.098	3.797	0.127
2.396	-0.315	2.400	-0.261	2.407	-0.151	2.410	-0.071	3.802	0.131	3.808	0.106	3.813	0.068	3.817	0.043
2.419	0.009	2.427	0.085	2.435	0.139	2.440	0.152	3.827	0.009	3.830	0.009	3.833	0.059	3.838	0.135
2.453	0.055	2.458	0.030	2.467	0.026	2.475	0.089	3.844	0.185	3.849	0.261	3.858	0.320	3.863	0.316
2.480	0.118	2.485	0.139	2.490	0.105	2.498	0.038	3.866	0.273	3.871	0.181	3.876	0.084	3.882	0.042
2.502	-0.017	2.506	-0.105	2.510	-0.240	2.517	-0.324	3.887	0.034	3.895	-0.094	3.907	-0.140	3.915	-0.161
2.528	-0.358	2.536	-0.244	2.545	-0.173	2.550	-0.101	3.923	-0.191	3.929	-0.217	3.939	-0.162	3.947	-0.158
2.553	0.121	2.561	0.114	2.568	0.156	2.569	0.143	3.953	-0.196	3.966	-0.226	3.977	-0.230	3.988	-0.151
2.577	0.013	2.585	0.080	2.592	0.063	2.598	0.092	3.991	-0.104	3.996	-0.046	4.002	0.013	4.007	0.114
2.606	0.126	2.612	0.139	2.620	0.059	2.627	-0.030	4.013	0.185	4.019	0.257	4.022	0.253	4.027	0.202
2.633	-0.097	2.640	-0.135	2.652	-0.102	2.663	-0.097	4.035	0.139	4.048	0.084	4.059	0.020	4.067	-0.039
2.675	-0.110	2.686	-0.114	2.697	-0.068	2.713	0.054	4.071	-0.081	4.076	-0.149	4.082	-0.208	4.089	-0.179
2.719	0.088	2.729	0.113	2.738	0.163	2.746	0.184	4.095	-0.078	4.100	-0.027	4.108	0.048	4.114	0.094
2.753	0.188	2.761	0.151	2.772	0.104	2.778	0.104	4.117	0.136	4.120	0.225	4.127	0.305	4.134	0.342
2.788	0.129	2.794	0.142	2.801	0.091	2.805	0.007	4.139	0.338	4.141	0.300	4.145	0.249	4.149	0.203
2.810	-0.077	2.817	-0.145	2.824	-0.157	2.829	-0.149	4.152	0.052	4.157	0.089	4.161	0.051	4.164	0.038
2.837	-0.191	2.848	-0.242	2.856	-0.284	2.859	-0.267	4.172	0.093	4.183	0.152	4.193	0.210	4.201	0.193
2.866	-0.196	2.869	-0.128	2.874	0.015	2.882	0.154	4.202	0.160	4.205	0.092	4.209	0.042	4.215	-0.009

4.223	-0.051	4.227	-0.131	4.234	-0.186	4.240	-0.216	5.961	-0.282	5.967	-0.253	5.981	-0.190	5.992	-0.181
4.246	-0.220	4.256	-0.085	4.265	0.033	4.273	0.133	6.005	-0.173	6.013	-0.177	6.020	-0.194	6.035	-0.203
4.284	0.175	4.286	0.159	4.293	0.087	4.297	0.028	6.044	-0.165	6.052	-0.118	6.060	-0.051	6.068	-0.009
4.306	-0.019	4.315	-0.036	4.324	0.036	4.329	0.112	6.080	0.088	6.087	0.121	6.093	0.117	6.096	0.075
4.328	0.091	4.332	0.057	4.343	0.141	4.351	0.200	6.101	0.020	6.107	-0.089	6.113	-0.140	6.115	-0.182
4.360	0.242	4.362	0.258	4.364	0.216	4.368	0.178	6.121	-0.224	6.128	-0.282	6.137	-0.275	6.146	-0.220
4.378	0.119	4.381	0.073	4.389	0.039	4.394	0.001	6.154	-0.123	6.159	-0.081	6.170	-0.030	6.176	-0.005
4.399	-0.024	4.418	0.001	4.425	-0.037	4.435	-0.067	6.183	-0.056	6.191	-0.132	6.192	-0.157	6.197	-0.224
4.446	-0.084	4.463	-0.046	4.476	-0.042	4.481	-0.029	6.213	-0.228	6.222	-0.149	6.227	-0.064	6.233	0.045
4.489	-0.004	4.497	0.021	4.508	0.063	4.517	0.118	6.241	0.138	6.247	0.201	6.258	0.260	6.263	0.268
4.523	0.152	4.530	0.202	4.535	0.211	4.543	0.206	6.266	0.238	6.283	0.175	6.304	0.141	6.315	0.095
4.549	0.156	4.556	0.109	4.561	0.055	4.566	-0.030	6.329	0.048	6.342	0.065	6.353	0.061	6.360	0.044
4.569	-0.126	4.575	-0.173	4.577	-0.232	4.580	-0.316	6.364	0.002	6.377	-0.057	6.383	-0.091	6.390	-0.100
4.585	-0.362	4.592	-0.417	4.593	-0.472	4.598	-0.531	6.398	-0.045	6.402	-0.003	6.409	0.094	6.415	0.186
4.602	-0.569	4.613	-0.489	4.620	-0.368	4.624	-0.312	6.429	0.258	6.431	0.254	6.437	0.220	6.442	0.165
4.626	-0.249	4.631	-0.202	4.638	-0.160	4.641	-0.097	6.455	0.093	6.463	0.081	6.477	0.118	6.494	0.122
4.647	-0.021	4.654	0.063	4.664	0.046	4.670	-0.017	6.507	0.101	6.518	0.114	6.531	0.143	6.544	0.147
4.674	-0.085	4.678	-0.215	4.690	-0.321	4.703	-0.274	6.548	0.126	6.558	0.093	6.572	0.084	6.583	0.114
4.706	-0.207	4.716	-0.148	4.724	-0.165	4.734	-0.207	6.594	0.130	6.601	0.122	6.605	0.097	6.609	0.059
4.750	-0.190	4.755	-0.152	4.765	-0.051	4.772	-0.013	6.621	0.004	6.639	-0.026	6.645	-0.055	6.658	-0.101
4.777	-0.022	4.785	-0.072	4.790	-0.165	4.799	-0.249	6.666	-0.122	6.675	-0.097	6.682	-0.051	6.685	0.012
4.809	-0.283	4.810	-0.258	4.827	-0.144	4.835	-0.085	6.691	0.050	6.702	0.092	6.707	0.092	6.721	0.042
4.843	0.003	4.852	0.037	4.859	0.037	4.873	0.029	6.726	0.016	6.734	-0.017	6.736	-0.026	6.745	0.020
4.885	0.046	4.902	0.050	4.905	0.029	4.914	-0.013	6.753	0.067	6.758	0.109	6.767	0.147	6.774	0.159
4.920	-0.043	4.922	-0.068	4.928	-0.119	4.938	-0.013	6.783	0.126	6.793	0.075	6.804	0.063	6.820	0.054
4.946	-0.005	4.955	0.003	4.968	0.050	4.978	0.088	6.836	0.012	6.844	-0.017	6.855	-0.076	6.867	-0.055
4.988	0.113	4.992	0.113	5.004	0.075	5.015	0.046	6.879	-0.030	6.887	-0.038	6.899	-0.026	6.904	0.008
5.029	0.050	5.036	0.109	5.047	0.155	5.052	0.176	6.914	0.088	6.929	0.130	6.933	0.118	6.939	0.067
5.063	0.231	5.076	0.269	5.087	0.273	5.097	0.294	6.945	0.013	6.950	-0.021	6.964	-0.080	6.977	-0.109
5.107	0.323	5.113	0.327	5.126	0.264	5.131	0.251	6.999	-0.072	7.014	-0.059	7.027	-0.055	7.038	0.000
5.137	0.201	5.150	0.121	5.162	0.057	5.178	0.053	7.046	0.076	7.060	0.101	7.066	0.093	7.066	0.055
5.189	0.078	5.197	0.103	5.203	0.087	5.208	0.053	7.077	-0.033	7.090	-0.059	7.106	-0.033	7.119	-0.004
5.216	0.015	5.223	-0.032	5.236	-0.044	5.242	0.010	7.130	0.035	7.136	0.085	7.141	0.088	7.146	0.051
5.247	0.061	5.253	0.116	5.258	0.153	5.261	0.229	7.152	-0.005	7.156	-0.046	7.162	-0.084	7.168	-0.130
5.268	0.254	5.273	0.322	5.279	0.326	5.281	0.284	7.178	-0.121	7.186	-0.079	7.200	-0.029	7.214	-0.008
5.287	0.212	5.293	0.145	5.296	0.086	5.304	0.031	7.232	-0.041	7.249	-0.066	7.260	-0.087	7.272	-0.036
5.312	-0.003	5.331	-0.024	5.346	-0.020	5.354	-0.015	7.283	-0.054	7.294	-0.020	7.305	0.001	7.313	-0.003
5.365	-0.066	5.373	-0.104	5.386	-0.116	5.400	-0.083	7.324	-0.033	7.332	-0.062	7.342	-0.075	7.362	-0.037
5.409	-0.087	5.415	-0.125	5.425	-0.150	5.446	-0.158	7.370	-0.024	7.389	-0.015	7.407	-0.015	7.423	-0.003
5.453	-0.083	5.459	-0.020	5.464	0.027	5.472	0.073	7.445	0.014	7.452	0.035	7.468	0.069	7.485	0.120
5.476	0.103	5.478	0.115	5.486	0.060	5.492	0.018	7.487	0.120	7.493	0.094	7.506	0.094	7.519	0.120
5.503	-0.007	5.515	0.035	5.528	0.069	5.537	0.065	7.542	0.132	7.555	0.099	7.573	0.112	7.585	0.141
5.550	-0.027	5.558	-0.007	5.579	-0.024	5.586	-0.041	7.595	0.150	7.598	0.150	7.606	0.120	7.614	0.091
5.597	-0.087	5.604	-0.116	5.619	-0.120	5.634	-0.082	7.627	0.086	7.638	0.129	7.651	0.171	7.657	0.167
5.645	-0.055	5.653	-0.065	5.662	-0.111	5.672	-0.162	7.670	0.120	7.678	0.087	7.695	0.091	7.715	0.125
5.673	-0.191	5.681	-0.216	5.686	-0.132	5.694	-0.073	7.726	0.116	7.738	0.112	7.751	0.133	7.766	0.138
5.697	-0.044	5.703	-0.001	5.708	0.028	5.711	0.006	7.772	0.188	7.780	0.163	7.789	0.125	7.794	0.113
5.717	-0.069	5.720	-0.115	5.723	-0.174	5.728	-0.216	7.801	0.096	7.807	0.075	7.828	0.109	7.853	0.138
5.731	-0.258	5.736	-0.292	5.739	-0.321	5.744	-0.359	7.866	0.160	7.882	0.189	7.899	0.202	7.903	0.181
5.753	-0.392	5.756	-0.401	5.769	-0.325	5.778	-0.283	7.910	0.168	7.917	0.135	7.923	0.105	7.930	0.084
5.789	-0.266	5.792	-0.274	5.805	-0.299	5.806	-0.308	7.936	0.038	7.939	-0.013	7.942	-0.051	7.946	-0.037
5.817	-0.027	5.825	-0.139	5.832	-0.067	5.841	-0.017	7.953	-0.156	7.958	-0.198	7.965	-0.215	7.969	-0.215
5.847	0.012	5.855	0.000	5.857	-0.034	5.868	-0.067	7.981	-0.150	7.987	-0.105	7.995	-0.038	8.003	0.017
5.879	-0.110	5.887	-0.101	5.893	-0.046	5.904	-0.021	8.009	0.013	8.022	-0.021	8.039	-0.008	8.046	-0.039
5.906	-0.042	5.910	-0.080	5.917	-0.131	5.923	-0.169	8.059	-0.055	8.067	-0.088	8.078	-0.126	8.089	-0.139
5.926	-0.253	5.939	-0.308	5.948	-0.350	5.956	-0.320	8.102	-0.130	8.117	-0.088	8.127	-0.038	8.135	-0.004

8.140	0.017	8.148	0.072	8.149	0.038	8.159	-0.021	10.305	0.080	10.317	0.101	10.333	0.160	10.344	0.185
8.165	-0.050	8.172	-0.097	8.180	-0.126	8.188	-0.130	10.357	0.189	10.370	0.194	10.382	0.227	10.384	0.227
8.203	-0.105	8.211	-0.059	8.223	-0.033	8.233	0.009	10.395	0.206	10.408	0.181	10.412	0.168	10.425	0.164
8.250	0.021	8.256	0.030	8.269	0.055	8.280	0.089	10.441	0.286	10.450	0.227	10.457	0.223	10.469	0.193
8.283	0.114	8.301	0.173	8.301	0.223	8.312	0.253	10.485	0.181	10.504	0.202	10.509	0.206	10.522	0.185
8.320	0.265	8.331	0.253	8.334	0.232	8.342	0.181	10.533	0.191	10.546	0.181	10.552	0.193	10.561	0.227
8.352	0.143	8.360	0.097	8.366	0.080	8.371	0.097	10.568	0.202	10.577	0.172	10.587	0.147	10.595	0.134
8.379	0.135	8.384	0.164	8.392	0.207	8.403	0.244	10.603	0.126	10.612	0.147	10.622	0.138	10.630	0.113
8.418	0.261	8.431	0.248	8.442	0.223	8.453	0.202	10.636	0.079	10.644	0.046	10.653	0.016	10.666	0.054
8.466	0.202	8.477	0.236	8.488	0.261	8.495	0.261	10.677	0.092	10.685	0.109	10.687	0.104	10.699	0.079
8.504	0.240	8.517	0.214	8.517	0.180	8.520	0.134	10.701	0.045	10.712	0.037	10.720	0.066	10.731	0.104
8.525	0.096	8.533	0.062	8.538	0.012	8.543	-0.047	10.737	0.117	10.749	0.146	10.753	0.104	10.763	0.075
8.552	-0.093	8.560	-0.123	8.570	-0.119	8.578	-0.073	10.771	0.024	10.777	-0.022	10.783	-0.039	10.787	-0.047
8.586	-0.032	8.592	-0.001	8.602	0.045	8.615	0.058	10.793	-0.081	10.801	-0.123	10.814	-0.153	10.825	-0.148
8.626	0.032	8.628	0.020	8.640	-0.018	8.652	-0.040	10.836	-0.111	10.848	-0.064	10.864	-0.026	10.877	-0.018
8.671	-0.031	8.684	-0.006	8.697	0.011	8.711	0.006	10.888	-0.043	10.901	-0.077	10.915	-0.098	10.929	-0.115
8.717	0.006	8.732	0.019	8.743	0.015	8.754	0.006	10.942	-0.153	10.955	-0.195	10.972	-0.246	10.989	-0.233
8.765	0.044	8.775	0.077	8.778	0.069	8.785	0.027	11.012	-0.233	11.029	-0.229	11.046	-0.208	11.065	-0.174
8.794	-0.028	8.806	-0.070	8.815	-0.079	8.831	-0.058	11.078	-0.170	11.095	-0.204	11.105	-0.237	11.118	-0.221
8.838	-0.034	8.844	-0.075	8.847	-0.096	8.858	-0.126	11.132	-0.170	11.141	-0.136	11.160	-0.120	11.168	-0.141
8.865	-0.130	8.873	-0.101	8.884	-0.059	8.894	-0.059	11.181	-0.162	11.194	-0.153	11.205	-0.168	11.217	-0.082
8.903	-0.084	8.915	-0.114	8.924	-0.143	8.931	-0.173	11.230	-0.078	11.238	-0.069	11.255	-0.036	11.268	-0.019
8.943	-0.219	8.953	-0.274	8.963	-0.304	8.968	-0.296	11.278	-0.023	11.293	-0.040	11.308	-0.052	11.325	-0.040
8.980	-0.245	8.987	-0.216	8.993	-0.178	9.000	-0.174	11.341	-0.002	11.352	-0.002	11.361	-0.019	11.371	-0.044
9.011	-0.216	9.019	-0.258	9.030	-0.280	9.038	-0.263	11.390	-0.048	11.409	-0.023	11.423	-0.018	11.440	-0.048
9.051	-0.212	9.062	-0.187	9.070	-0.145	9.080	-0.133	11.448	-0.056	11.464	-0.086	11.485	-0.081	11.497	-0.060
9.085	-0.137	9.096	-0.163	9.096	-0.179	9.104	-0.201	11.510	-0.069	11.522	-0.073	11.540	-0.106	11.556	-0.136
9.109	-0.213	9.117	-0.230	9.123	-0.235	9.139	-0.222	11.568	-0.132	11.584	-0.111	11.587	-0.098	11.609	-0.052
9.149	-0.197	9.158	-0.168	9.166	-0.159	9.178	-0.143	11.606	-0.022	11.617	-0.014	11.630	-0.035	11.649	-0.051
9.189	-0.139	9.203	-0.139	9.216	-0.143	9.219	-0.139	11.663	-0.051	11.671	-0.060	11.682	-0.081	11.691	-0.098
9.229	-0.127	9.235	-0.097	9.245	-0.051	9.251	-0.026	11.699	-0.106	11.712	-0.081	11.729	-0.047	11.744	-0.022
9.266	-0.009	9.274	-0.035	9.279	-0.052	9.287	-0.077	11.750	-0.000	11.755	0.021	11.775	0.063	11.789	0.071
9.293	-0.090	9.296	-0.094	9.307	-0.048	9.314	-0.035	11.811	0.059	11.829	0.088	11.849	0.093	11.862	0.072
9.331	-0.010	9.340	-0.002	9.350	0.019	9.356	0.069	11.876	0.080	11.890	0.101	11.909	0.110	11.927	0.102
9.364	0.103	9.375	0.132	9.380	0.136	9.385	0.124	11.928	0.106	11.941	0.169	11.950	0.207	11.964	0.237
9.394	0.102	9.401	0.094	9.415	0.102	9.432	0.148	11.976	0.229	11.982	0.199	11.990	0.174	12.001	0.149
9.445	0.165	9.448	0.169	9.459	0.156	9.467	0.152	12.013	0.128	12.028	0.141	12.040	0.179	12.048	0.170
9.477	0.135	9.486	0.130	9.502	0.122	9.510	0.113	12.059	0.149	12.072	0.133	12.083	0.116	12.089	0.112
9.521	0.109	9.523	0.088	9.531	0.071	9.535	0.075	12.105	0.145	12.122	0.162	12.135	0.154	12.151	0.125
9.543	0.100	9.551	0.121	9.561	0.154	9.569	0.167	12.171	0.100	12.196	0.112	12.211	0.133	12.223	0.125
9.578	0.129	9.586	0.099	9.591	0.082	9.603	0.049	12.229	0.112	12.236	0.091	12.244	0.075	12.259	0.054
9.616	0.048	9.632	0.090	9.643	0.111	9.649	0.111	12.282	0.058	12.291	0.058	12.310	0.058	12.330	0.058
9.665	0.107	9.683	0.090	9.692	0.081	9.709	0.060	12.341	0.041	12.351	0.029	12.370	0.016	12.387	0.029
9.721	0.043	9.733	0.022	9.746	0.005	9.757	-0.021	12.406	0.033	12.420	0.016	12.438	0.007	12.455	0.024
9.765	-0.042	9.776	-0.063	9.790	-0.042	9.796	-0.051	12.477	0.041	12.495	0.037	12.506	0.028	12.520	0.028
9.809	-0.089	9.822	-0.123	9.831	-0.156	9.845	-0.190	12.534	0.045	12.551	0.049	12.564	0.041	12.578	0.024
9.853	-0.182	9.863	-0.165	9.882	-0.119	9.896	-0.094	12.589	-0.006	12.607	-0.006	12.632	0.015	12.648	0.019
9.912	-0.090	9.924	-0.107	9.938	-0.132	9.945	-0.124	12.660	0.007	12.671	0.002	12.692	0.027	12.708	0.019
9.957	-0.073	9.962	-0.027	9.972	-0.011	9.978	0.028	12.724	0.044	12.731	0.032	12.746	0.081	12.749	0.077
9.991	0.027	9.998	-0.019	10.008	0.057	10.020	-0.074	12.758	0.060	12.768	0.034	12.779	0.017	12.791	0.000
10.039	-0.061	10.047	-0.074	10.054	-0.095	10.071	-0.137	12.798	-0.012	12.810	-0.017	12.821	-0.034	12.831	-0.051
10.082	-0.150	10.102	-0.091	10.110	-0.083	10.118	-0.083	12.843	-0.055	12.859	-0.043	12.871	-0.030	12.875	-0.026
10.131	-0.104	10.147	-0.109	10.156	-0.088	10.166	-0.054	12.889	-0.039	12.901	-0.052	12.918	-0.056	12.928	-0.052
10.173	-0.012	10.181	0.034	10.188	0.064	10.199	0.068	12.947	-0.027	12.961	-0.036	12.972	-0.057	12.988	-0.061
10.203	0.051	10.213	0.051	10.224	0.068	10.237	0.106	13.010	-0.036	13.017	-0.024	13.028	-0.036	13.041	-0.045
10.248	0.118	10.263	0.105	10.276	0.089	10.293	0.080	13.055	-0.037	13.066	-0.016	13.071	-0.024	13.085	-0.050

13.093	-0.067	13.102	-0.071	13.118	-0.059	13.135	-0.038	16.192	0.164	16.204	0.155	16.219	0.168	16.231	0.194
13.149	-0.042	13.159	-0.055	13.170	-0.063	13.181	-0.080	16.246	0.190	16.260	0.181	16.274	0.190	16.287	0.173
13.185	-0.085	13.201	-0.072	13.218	-0.051	13.236	-0.047	16.293	0.139	16.299	0.123	16.310	0.089	16.320	0.081
13.248	-0.034	13.261	-0.005	13.269	0.021	13.275	0.012	16.325	0.193	16.337	0.123	16.345	0.140	16.361	0.136
13.283	-0.005	13.292	-0.038	13.300	-0.068	13.309	-0.097	16.367	0.123	16.375	0.111	16.392	0.119	16.402	0.140
13.320	-0.110	13.334	-0.114	13.355	-0.105	13.367	-0.084	16.413	0.132	16.424	0.110	16.437	0.089	16.451	0.085
13.383	-0.063	13.400	-0.088	13.406	-0.109	13.411	-0.126	16.465	0.106	16.470	0.101	16.486	0.055	16.495	0.033
13.430	-0.120	13.449	-0.084	13.463	-0.088	13.480	-0.106	16.508	0.033	16.514	0.046	16.525	0.063	16.539	0.054
13.500	-0.122	13.517	-0.113	13.530	-0.096	13.542	-0.096	16.566	0.024	16.579	0.045	16.585	0.036	16.598	0.019
13.561	-0.096	13.568	-0.092	13.582	-0.079	13.596	-0.083	16.604	0.011	16.618	0.014	16.629	-0.023	16.641	-0.019
13.611	-0.070	13.624	-0.049	13.632	-0.032	13.646	-0.003	16.655	-0.002	16.666	0.010	16.672	0.019	16.685	0.027
13.713	-0.032	13.724	-0.044	13.732	-0.048	13.740	-0.048	16.696	0.019	16.710	0.011	16.721	-0.020	16.737	-0.016
13.752	-0.023	13.763	-0.054	13.769	0.024	13.779	0.045	16.751	0.009	16.762	0.025	16.780	0.001	16.797	0.005
13.794	0.062	13.807	0.054	13.823	0.067	13.838	0.080	16.805	0.013	16.822	0.009	16.843	0.051	16.852	0.043
13.849	0.059	13.865	0.050	13.878	0.063	13.893	0.093	16.862	0.022	16.876	-0.003	16.895	-0.003	16.913	0.010
13.909	0.110	13.920	0.123	13.937	0.148	13.951	0.174	16.924	0.018	16.944	0.006	16.957	-0.002	16.971	0.002
14.011	0.116	14.025	0.120	14.038	0.116	14.047	0.103	16.986	-0.014	17.000	-0.010	17.012	0.011	17.025	0.020
14.064	0.099	14.078	0.116	14.094	0.116	14.108	0.108	17.044	-0.010	17.065	-0.018	17.076	-0.009	17.095	0.012
14.122	0.104	14.140	0.100	14.158	0.091	14.166	0.083	17.106	0.012	17.120	-0.000	17.130	-0.029	17.141	-0.055
14.171	0.057	14.182	-0.036	14.187	0.011	14.196	-0.010	17.149	-0.080	17.161	-0.113	17.174	-0.096	17.185	-0.062
14.205	-0.031	14.218	-0.032	14.234	-0.036	14.246	-0.049	17.198	-0.054	17.212	-0.070	17.223	-0.100	17.238	-0.079
14.260	-0.057	14.279	-0.045	14.301	-0.020	14.323	0.022	17.253	-0.052	17.269	-0.070	17.285	-0.082	17.304	-0.099
14.340	0.039	14.354	0.034	14.371	0.047	14.377	0.072	17.320	-0.111	17.331	-0.119	17.339	-0.136	17.353	-0.153
14.391	0.101	14.407	0.114	14.423	0.118	14.437	0.126	17.367	-0.165	17.378	-0.178	17.388	-0.169	17.397	-0.161
14.454	0.147	14.472	0.155	14.485	0.147	14.508	0.146	17.412	-0.148	17.426	-0.123	17.435	-0.101	17.450	-0.118
14.525	0.159	14.546	0.176	14.555	0.176	14.569	0.168	17.515	-0.180	17.529	-0.172	17.545	-0.176	17.557	-0.184
14.593	0.163	14.602	0.176	14.613	0.205	14.627	0.231	17.567	-0.197	17.583	-0.209	17.592	-0.205	17.610	-0.175
14.639	0.239	14.652	0.218	14.664	0.201	14.669	0.193	17.629	-0.175	17.633	-0.184	17.652	-0.184	17.671	-0.171
14.683	0.180	14.697	0.142	14.714	0.100	14.727	0.083	17.681	-0.167	17.697	-0.145	17.706	-0.112	17.717	-0.082
14.745	0.062	14.758	0.050	14.781	0.050	14.797	0.067	17.719	-0.065	17.725	-0.057	17.735	-0.073	17.751	-0.090
14.802	0.062	14.810	0.037	14.822	-0.026	14.838	-0.064	17.762	-0.082	17.778	-0.056	17.787	-0.031	17.803	-0.010
14.852	-0.097	14.863	-0.127	14.876	-0.152	14.896	-0.147	17.819	0.007	17.833	0.036	17.846	0.062	17.862	0.053
14.915	-0.151	14.930	-0.168	14.952	-0.172	14.961	-0.168	17.871	0.037	17.884	0.037	17.900	0.016	17.913	0.020
14.980	-0.189	14.991	-0.205	15.005	-0.226	15.018	-0.251	17.925	0.050	17.940	0.062	17.957	0.092	17.971	0.079
15.027	-0.272	15.042	-0.276	15.049	-0.251	15.068	-0.205	17.989	0.062	18.003	0.062	18.021	0.087	18.035	0.079
15.079	-0.192	15.105	-0.200	15.128	-0.187	15.146	-0.221	18.052	0.062	18.073	0.062	18.092	0.070	18.105	0.062
15.160	-0.225	15.185	-0.200	15.198	-0.200	15.212	-0.217	18.125	0.053	18.141	0.044	18.149	0.053	18.160	0.061
15.226	-0.217	15.242	-0.217	15.258	-0.196	15.280	-0.150	18.175	0.065	18.191	0.061	18.206	0.044	18.227	0.052
15.293	-0.162	15.310	-0.167	15.331	-0.162	15.350	-0.162	18.241	0.052	18.262	0.043	18.275	0.064	18.286	0.085
15.361	-0.146	15.385	-0.129	15.414	-0.133	15.437	-0.134	18.297	0.077	18.313	0.064	18.325	0.051	18.339	0.047
15.461	-0.159	15.473	-0.163	15.488	-0.146	15.501	-0.150	18.354	0.046	18.365	0.034	18.369	0.029	18.384	0.050
15.517	-0.105	15.525	-0.088	15.536	-0.075	15.547	-0.050	18.407	0.067	18.417	0.067	18.428	0.079	18.439	0.083
15.568	-0.046	15.590	-0.059	15.593	-0.055	15.606	-0.017	18.451	0.113	18.467	0.096	18.491	0.083	18.508	0.095
15.625	0.004	15.648	0.021	15.670	0.012	15.691	0.008	18.516	0.095	18.519	0.103	18.549	0.086	18.568	0.112
15.710	0.033	15.724	0.058	15.744	0.075	15.768	0.076	18.590	0.112	18.597	0.103	18.609	0.087	18.625	0.087
15.787	0.088	15.798	0.076	15.815	0.068	15.829	0.093	18.641	0.095	18.650	0.104	18.672	0.108	18.679	0.100
15.842	0.127	15.847	0.123	15.855	0.106	15.856	0.097	18.693	0.074	18.718	0.058	18.718	0.058	18.723	0.058
15.866	0.093	15.875	0.115	15.883	0.119	15.890	0.131	18.739	0.074	18.750	0.108	18.757	0.087	18.773	0.091
15.934	0.161	15.950	0.161	15.912	0.170	15.924	0.170	18.780	0.054	18.800	0.088	18.819	0.084	18.833	0.084
15.984	0.107	16.000	0.103	16.010	0.095	16.022	0.091	18.856	0.097	18.876	0.093	18.898	0.073	18.923	0.073
16.033	0.099	16.045	0.112	16.060	0.154	16.067	0.175	18.942	0.078	18.958	0.061	18.970	0.049	18.986	0.028
16.083	0.201	16.102	0.222	16.121	0.226	16.136	0.235	19.000	0.032	19.018	0.058	19.037	0.054	19.051	0.042
16.143	0.231	16.162	0.218	16.171	0.210	16.182	0.189	19.067	0.038	19.078	0.017	19.089	0.004	19.101	0.013
								19.117	0.030	19.126	0.038	19.148	0.042	19.161	0.026
								19.185	0.030	19.207	0.039	19.218	0.013	19.232	-0.008

19.245	-0.033	19.260	-0.045	19.274	-0.041	19.289	-0.028	22.766	0.023	22.790	0.031	22.809	0.026	22.826	0.014
19.301	-0.011	19.312	-0.007	19.337	-0.032	19.358	-0.045	22.856	0.022	22.887	0.018	22.915	0.022	22.931	0.031
19.381	-0.032	19.396	-0.023	19.419	-0.032	19.424	-0.032	22.955	0.043	22.972	0.031	22.993	0.039	23.014	0.014
19.440	-0.053	19.465	-0.065	19.471	-0.053	19.495	-0.040	23.049	-0.007	23.074	0.006	23.095	0.002	23.114	-0.024
19.515	-0.062	19.539	-0.062	19.550	-0.058	19.562	-0.075	23.122	-0.045	23.134	-0.057	23.152	-0.044	23.164	-0.028
19.583	-0.079	19.610	-0.075	19.624	-0.092	19.650	-0.097	23.183	-0.015	23.204	-0.006	23.222	-0.036	23.228	-0.040
19.671	-0.114	19.680	-0.144	19.702	-0.165	19.717	-0.186	23.260	-0.027	23.285	-0.039	23.293	-0.039	23.312	-0.060
19.723	-0.186	19.740	-0.174	19.757	-0.166	19.772	-0.179	23.321	-0.052	23.346	-0.026	23.368	-0.005	23.385	-0.018
19.795	-0.191	19.799	-0.213	19.814	-0.225	19.822	-0.217	23.400	-0.030	23.409	-0.022	23.428	-0.001	23.445	-0.013
19.843	-0.196	19.857	-0.188	19.865	-0.188	19.876	-0.196	23.462	-0.013	23.475	-0.018	23.486	-0.034	23.503	-0.043
19.892	-0.201	19.903	-0.193	19.916	-0.176	19.921	-0.163	23.517	-0.026	23.531	-0.009	23.566	0.003	23.594	-0.009
19.936	-0.138	19.955	-0.134	19.967	-0.122	19.986	-0.101	23.611	-0.009	23.629	-0.008	23.641	-0.001	23.660	-0.005
20.000	-0.080	20.017	-0.055	20.030	-0.051	20.049	-0.064	23.672	-0.005	23.687	-0.005	23.710	-0.009	23.720	-0.003
20.054	-0.064	20.070	-0.038	20.085	-0.018	20.098	-0.016	23.738	0.025	23.751	0.046	23.762	0.041	23.788	0.020
20.112	0.033	20.135	0.038	20.161	0.034	20.171	0.030	23.810	0.025	23.818	0.033	23.835	0.054	23.857	0.079
20.187	0.021	20.204	0.047	20.215	0.060	20.228	0.060	23.880	0.096	23.905	0.091	23.922	0.079	23.941	0.045
20.239	0.051	20.263	0.047	20.279	0.064	20.296	0.060	23.956	0.049	23.979	0.070	24.006	0.057	24.018	0.044
20.310	0.056	20.326	0.044	20.336	0.044	20.350	0.057	24.035	0.053	24.049	0.048	24.059	0.031	24.073	0.006
20.374	0.070	20.390	0.074	20.401	0.066	20.410	0.045	24.088	0.006	24.104	0.022	24.121	0.043	24.133	0.031
20.425	0.028	20.436	0.028	20.445	0.037	20.464	0.046	24.149	-0.003	24.161	-0.012	24.178	-0.003	24.191	-0.016
20.490	0.046	20.512	0.029	20.518	0.021	20.532	0.004	24.203	-0.016	24.216	-0.004	24.240	-0.017	24.275	-0.004
20.547	0.005	20.553	0.013	20.569	0.013	20.577	0.009	24.289	-0.012	24.299	-0.025	24.320	-0.017	24.327	-0.012
20.598	0.010	20.613	0.006	20.632	0.023	20.647	0.040	24.351	-0.012	24.365	-0.021	24.382	-0.046	24.401	-0.038
20.672	0.040	20.677	0.032	20.693	0.023	20.715	0.049	24.415	-0.039	24.434	-0.029	24.452	-0.042	24.463	-0.033
20.728	0.057	20.740	0.057	20.748	0.044	20.770	0.053	24.476	-0.075	24.485	-0.075	24.502	-0.050	24.515	-0.037
20.780	0.049	20.794	0.049	20.809	0.065	20.825	0.062	24.529	-0.016	24.539	-0.016	24.558	-0.037	24.577	-0.041
20.833	0.082	20.850	0.082	20.855	0.078	20.874	0.061	24.589	-0.045	24.605	-0.049	24.613	-0.037	24.625	-0.032
20.887	0.065	20.901	0.082	20.904	0.082	20.914	0.061	24.638	-0.019	24.650	-0.053	24.664	-0.074	24.675	-0.037
20.935	0.028	20.946	0.011	20.960	0.011	20.976	0.057	24.691	-0.082	24.706	-0.069	24.722	-0.048	24.741	-0.031
20.984	0.061	21.003	0.065	21.016	0.053	21.034	0.057	24.751	-0.019	24.775	-0.014	24.802	-0.027	24.819	-0.043
21.053	0.074	21.062	0.074	21.078	0.065	21.101	0.078	24.831	-0.043	24.846	-0.060	24.854	-0.056	24.872	-0.043
21.126	0.095	21.142	0.086	21.169	0.091	21.185	0.095	24.890	-0.039	24.907	-0.038	24.928	-0.000	24.939	0.008
21.209	0.091	21.222	0.082	21.227	0.078	21.238	0.070	24.961	-0.034	24.972	-0.034	24.986	0.017	24.997	0.013
21.246	0.053	21.257	0.036	21.275	0.032	21.292	0.049	24.998	0.017	25.014	0.025	25.024	0.038	25.036	0.068
21.307	0.062	21.322	0.062	21.343	0.053	21.365	0.028	25.050	0.076	25.061	0.068	25.077	0.059	25.091	0.059
21.394	0.029	21.416	0.020	21.432	0.008	21.448	0.016	25.098	0.047	25.121	0.051	25.132	0.055	25.142	0.055
21.464	0.021	21.465	0.021	21.491	0.029	21.505	0.017	25.159	0.068	25.173	0.068	25.191	0.056	25.198	0.039
21.515	0.025	21.534	0.021	21.551	0.017	21.565	0.009	25.211	0.018	25.219	0.009	25.238	0.005	25.255	0.010
21.577	-0.004	21.592	0.001	21.608	0.017	21.632	0.026	25.269	0.018	25.285	0.022	25.301	0.048	25.317	0.077
21.648	0.009	21.672	0.013	21.691	0.022	21.713	0.022	25.325	0.031	25.342	0.065	25.355	0.056	25.367	0.043
21.734	0.018	21.745	0.005	21.766	-0.003	21.780	0.001	25.377	0.010	25.393	0.006	25.406	0.014	25.425	0.014
21.797	-0.003	21.816	-0.016	21.827	-0.032	21.852	-0.032	25.432	0.001	25.450	-0.028	25.456	-0.041	25.469	-0.049
21.874	-0.024	21.893	-0.032	21.901	-0.028	21.920	-0.037	25.482	-0.049	25.493	-0.020	25.494	-0.003	25.507	0.027
21.928	-0.053	21.936	-0.066	21.948	-0.066	21.962	-0.049	25.528	0.037	25.534	0.018	25.545	0.014	25.554	0.006
21.977	-0.032	21.988	-0.028	22.000	-0.049	22.019	-0.041	25.570	0.022	25.580	0.052	25.596	0.048	25.599	0.043
22.033	-0.032	22.049	-0.007	22.057	-0.003	22.074	-0.007	25.610	0.014	25.627	0.001	25.635	-0.007	25.645	-0.011
22.088	-0.011	22.109	-0.020	22.128	-0.032	22.143	-0.028	25.661	0.006	25.675	0.018	25.681	0.018	25.700	0.010
22.156	-0.024	22.178	-0.020	22.195	-0.020	22.219	-0.020	25.716	0.001	25.737	-0.007	25.751	-0.007	25.762	0.001
22.233	-0.007	22.254	-0.015	22.268	-0.024	22.279	-0.037	25.773	0.001	25.783	-0.011	25.799	-0.020	25.806	-0.003
22.295	-0.037	22.301	-0.032	22.309	-0.041	22.325	-0.032	25.821	0.014	25.843	-0.003	25.868	0.001	25.875	-0.003
22.345	-0.015	22.358	-0.007	22.383	-0.015	22.399	-0.007	25.889	-0.011	25.906	-0.015	25.914	-0.007	25.932	0.006
22.424	-0.003	22.434	-0.016	22.440	-0.007	22.454	-0.008	25.943	-0.007	25.951	-0.015	25.960	-0.024	25.970	-0.024
22.470	-0.025	22.486	-0.037	22.510	-0.021	22.526	-0.004	25.983	-0.011	26.002	0.010	26.021	0.022	26.027	0.022
22.548	0.008	22.570	-0.009	22.581	-0.021	22.587	-0.022	26.041	-0.010	26.054	-0.007	26.067	-0.015	26.078	-0.028
22.613	-0.018	22.632	-0.014	22.651	-0.005	22.671	0.011	26.092	-0.032	26.113	-0.007	26.128	0.006	26.144	0.031
22.696	0.015	22.708	-0.002	22.720	-0.014	22.744	-0.002	26.162	0.027	26.181	0.006	26.192	-0.007	26.211	-0.011

26.227	-0.024	26.236	-0.032	26.251	-0.024	26.270	0.006	29.786	0.031	29.797	0.006	29.816	0.010	29.827	0.023
26.294	0.006	26.303	-0.007	26.327	0.006	26.338	0.001	29.846	0.057	29.855	0.074	29.867	0.074	29.882	0.044
26.348	-0.015	26.360	-0.024	26.390	-0.015	26.405	0.006	29.902	0.031	29.911	0.010	29.927	0.010	29.958	0.027
26.416	0.010	26.433	0.022	26.449	0.018	26.478	0.001	29.983	0.043	29.997	0.035	30.010	0.018	30.028	0.018
26.491	-0.003	26.511	0.001	26.529	0.022	26.532	0.022	30.039	0.030	30.050	0.034	30.063	0.017	30.078	0.017
26.548	0.043	26.558	0.069	26.572	0.077	26.577	0.073	30.086	0.021	30.108	0.013	30.121	0.004	30.144	0.004
26.585	0.056	26.612	0.032	26.626	0.069	26.640	0.073	30.166	0.017	30.178	0.021	30.189	0.025	30.211	0.025
26.651	0.077	26.664	0.073	26.682	0.056	26.698	0.043	30.227	0.021	30.241	0.020	30.252	0.004	30.264	-0.022
26.709	0.043	26.726	0.069	26.742	0.069	26.761	0.073	30.274	-0.034	30.283	-0.030	30.291	-0.013	30.300	0.016
26.771	0.069	26.791	0.056	26.806	0.060	26.822	0.077	30.313	0.024	30.334	0.001	30.343	0.016	30.357	0.033
26.831	0.077	26.843	0.043	26.857	0.022	26.873	0.035	30.367	0.049	30.384	0.049	30.389	0.028	30.405	-0.001
26.887	0.048	26.902	0.052	26.919	0.031	26.939	0.031	30.417	-0.031	30.424	-0.018	30.447	0.007	30.457	0.024
26.958	0.043	26.975	0.044	26.991	0.035	27.004	0.019	30.473	0.049	30.485	0.032	30.503	0.041	30.515	0.036
27.023	-0.002	27.039	-0.006	27.058	0.011	27.073	0.011	30.527	0.011	30.541	0.019	30.550	0.032	30.568	0.032
27.098	-0.006	27.129	-0.010	27.143	-0.039	27.156	-0.068	30.587	0.023	30.606	0.015	30.625	0.032	30.636	0.032
27.182	-0.084	27.201	-0.080	27.220	-0.058	27.239	-0.071	30.664	0.023	30.678	0.015	30.691	0.003	30.704	-0.018
27.232	-0.058	27.265	-0.057	27.281	-0.074	27.297	-0.074	30.716	-0.035	30.723	-0.039	30.742	0.003	30.765	-0.006
27.324	-0.065	27.346	-0.051	27.367	-0.030	27.391	-0.034	30.783	-0.039	30.811	-0.039	30.837	-0.026	30.847	-0.035
27.410	-0.042	27.442	-0.041	27.465	-0.045	27.496	-0.020	30.875	-0.030	30.901	-0.022	30.927	-0.035	30.949	-0.043
27.513	0.014	27.532	0.031	27.547	0.022	27.558	0.005	30.968	-0.043	30.991	-0.043	31.010	-0.026	31.032	-0.009
27.575	-0.007	27.598	-0.012	27.613	0.005	27.623	0.001	31.058	-0.017	31.072	-0.026	31.087	-0.076	31.099	-0.084
27.641	-0.016	27.661	-0.008	27.680	-0.003	27.692	-0.016	31.112	-0.051	31.133	-0.025	31.151	-0.013	31.176	-0.008
27.717	-0.025	27.731	-0.016	27.762	-0.016	27.781	-0.008	31.195	0.004	31.213	0.025	31.226	0.009	31.234	0.000
27.792	-0.012	27.815	-0.004	27.834	0.029	27.855	0.029	31.263	-0.025	31.279	-0.029	31.288	-0.029	31.301	-0.021
27.867	0.021	27.886	0.029	27.902	0.062	27.919	0.062	31.311	-0.008	31.328	0.013	31.346	0.013	31.362	0.001
27.933	0.058	27.946	0.070	27.962	0.041	27.978	-0.002	31.373	0.009	31.380	0.005	31.399	0.001	31.412	0.009
27.998	0.007	28.012	-0.002	28.031	-0.011	28.030	-0.023	31.431	-0.016	31.448	-0.041	31.463	-0.045	31.487	-0.024
28.045	-0.019	28.053	-0.028	28.070	-0.024	28.081	-0.020	31.504	-0.011	31.522	-0.024	31.543	-0.020	31.559	-0.003
28.104	0.005	28.127	0.014	28.151	-0.008	28.167	-0.020	31.570	0.006	31.591	0.027	31.599	0.018	31.613	-0.011
28.184	-0.012	28.203	-0.021	28.215	-0.046	28.217	-0.059	31.631	-0.024	31.649	-0.015	31.660	0.027	31.673	-0.002
28.236	-0.071	28.264	-0.042	28.285	-0.021	28.308	-0.013	31.698	0.027	31.714	0.019	31.737	0.027	31.756	0.015
28.328	-0.013	28.346	-0.022	28.366	-0.047	28.368	-0.060	31.770	0.002	31.783	-0.002	31.802	-0.002	31.828	-0.006
28.385	-0.072	28.411	-0.089	28.429	-0.080	28.438	-0.076	31.839	0.015	31.848	0.024	31.866	0.020	31.880	0.003
28.462	-0.038	28.479	-0.034	28.491	-0.013	28.510	-0.000	31.902	-0.014	31.923	-0.001	31.941	-0.005	31.955	-0.005
28.518	-0.025	28.531	-0.042	28.538	-0.055	28.548	-0.050	31.961	-0.001	31.972	0.037	31.993	0.054	32.023	0.037
28.562	-0.038	28.579	-0.021	28.599	-0.021	28.610	-0.017	32.034	0.020	32.044	0.020	32.057	0.004	32.065	-0.009
28.628	-0.009	28.637	-0.000	28.659	0.021	28.675	0.042	32.087	-0.000	32.103	0.017	32.116	0.008	32.132	-0.009
28.700	0.033	28.723	-0.009	28.736	-0.030	28.747	-0.005	32.144	0.008	32.165	0.008	32.176	-0.008	32.184	-0.021
28.750	-0.001	28.762	0.016	28.780	0.045	28.781	0.054	32.197	-0.029	32.214	-0.025	32.229	0.005	32.241	-0.012
28.790	0.045	28.798	0.037	28.816	0.011	28.825	0.011	32.262	-0.021	32.283	-0.012	32.299	-0.025	32.313	-0.020
28.834	0.032	28.844	0.057	28.855	0.078	28.875	0.086	32.332	-0.003	32.349	-0.012	32.363	0.001	32.376	-0.007
28.900	0.082	28.919	0.068	28.930	0.064	28.944	0.043	32.405	0.001	32.425	-0.003	32.435	-0.007	32.449	-0.011
28.955	0.034	28.973	0.033	28.992	0.041	29.009	0.045	32.459	-0.003	32.482	0.006	32.505	0.019	32.514	0.019
29.023	0.032	29.038	0.028	29.053	0.048	29.067	0.060	32.531	0.002	32.541	-0.002	32.566	-0.002	32.577	0.002
29.080	0.056	29.091	0.051	29.103	0.043	29.116	0.026	32.598	0.027	32.611	0.044	32.620	0.011	32.638	-0.006
29.125	0.021	29.138	0.042	29.147	0.050	29.158	0.037	32.657	-0.006	32.680	0.002	32.704	0.002	32.725	-0.006
29.167	0.020	29.180	-0.001	29.199	-0.013	29.216	-0.030	32.750	-0.002	32.763	0.003	32.774	0.003	32.798	-0.010
29.225	-0.035	29.241	0.012	29.260	0.033	29.269	0.024	32.817	-0.018	32.837	-0.018	32.859	-0.006	32.870	0.011
29.288	0.003	29.311	0.003	29.322	0.008	29.339	0.029	32.883	0.020	32.900	0.016	32.914	0.011	32.927	0.007
29.353	0.025	29.366	0.009	29.386	-0.029	29.408	-0.015	32.952	-0.009	32.984	0.008	33.006	0.020	33.028	0.033
29.423	0.023	29.436	0.040	29.448	0.036	29.475	0.037	33.052	0.033	33.063	0.020	33.083	-0.001	33.094	-0.005
29.490	0.016	29.525	-0.026	29.548	-0.025	29.590	-0.017	33.123	0.003	33.145	-0.001	33.167	-0.010	33.183	-0.018
29.556	-0.025	29.573	-0.013	29.581	-0.004	29.590	0.017	33.187	-0.018	33.203	-0.006	33.216	0.011	33.228	0.011
29.605	0.055	29.623	0.042	29.638	0.030	29.652	0.017	33.252	-0.006	33.265	-0.009	33.287	0.002	33.309	0.002
29.666	0.005	29.690	0.009	29.702	0.022	29.718	0.022	33.334	-0.007	33.340	-0.002	33.348	0.014	33.359	0.023
29.736	0.018	29.746	0.001	29.758	0.001	29.767	0.035	33.378	0.023	33.396	0.014	33.412	0.006	33.422	-0.007

43.631	-0.018	43.639	-0.018	43.683	-0.015	43.737	-0.011	50.457	-0.011	50.488	-0.015	50.509	-0.007	50.534	0.001
43.763	-0.020	43.809	-0.032	43.845	-0.028	43.878	-0.007	50.563	-0.007	50.591	-0.011	50.629	-0.007	50.675	-0.007
43.916	-0.007	43.963	-0.020	43.998	-0.024	44.028	-0.028	50.700	0.001	50.748	0.002	50.780	-0.007	50.821	-0.006
44.053	-0.020	44.070	-0.011	44.097	-0.007	44.123	-0.007	50.848	0.006	50.873	0.002	50.909	-0.002	50.939	0.011
44.145	0.006	44.160	0.010	44.177	0.014	44.215	0.014	50.981	0.015	51.023	0.011	51.049	-0.001	51.098	-0.005
44.243	0.006	44.267	-0.002	44.296	0.007	44.315	0.016	51.141	0.016	51.180	0.029	51.236	0.021	51.264	0.025
44.343	0.016	44.370	0.030	44.390	0.030	44.423	0.018	51.299	0.026	51.332	0.030	51.375	0.022	51.402	0.027
44.444	0.010	44.480	0.027	44.516	0.019	44.541	0.020	51.446	0.019	51.477	0.019	51.504	0.019	51.535	0.020
44.572	0.003	44.599	0.012	44.632	0.021	44.657	0.033	51.565	0.028	51.603	0.029	51.635	0.021	51.689	0.000
44.705	0.029	44.736	0.009	44.769	0.005	44.793	0.005	51.751	0.009	51.797	0.018	51.833	0.002	51.864	0.002
44.829	0.013	44.848	0.005	44.888	-0.003	44.913	-0.016	51.897	-0.006	51.937	0.003	51.965	0.011	52.003	0.003
44.942	-0.016	44.970	-0.003	45.007	0.009	45.031	0.000	52.043	-0.005	52.081	-0.004	52.105	-0.008	52.133	-0.013
45.062	0.004	45.109	0.004	45.143	-0.009	45.175	-0.013	52.170	-0.005	52.208	-0.001	52.254	-0.013	52.289	0.003
45.211	0.004	45.237	-0.009	45.264	-0.021	45.295	-0.008	52.304	-0.005	52.330	-0.014	52.377	0.007	52.409	0.014
45.317	-0.012	45.338	-0.012	45.382	-0.015	45.396	-0.019	52.447	0.015	52.518	0.002	52.559	0.014	52.594	0.014
45.437	-0.027	45.464	-0.014	45.486	-0.023	45.522	-0.018	52.602	0.010	52.624	0.006	52.649	0.010	52.670	0.001
45.549	-0.009	45.566	-0.005	45.591	0.008	45.632	0.021	52.702	0.005	52.732	0.001	52.765	-0.017	52.795	-0.005
45.673	0.013	45.709	0.010	45.750	0.002	45.796	-0.006	52.822	0.012	52.863	0.024	52.904	0.023	52.936	0.027
45.845	-0.014	45.874	-0.017	45.899	-0.021	45.942	-0.017	52.966	0.006	52.988	0.014	53.003	0.014	53.051	-0.007
45.970	-0.016	45.989	-0.020	46.020	-0.012	46.047	0.001	53.093	-0.003	53.120	0.010	53.138	0.014	53.168	0.022
46.083	-0.007	46.115	-0.011	46.140	-0.002	46.173	0.002	53.214	0.005	53.240	0.005	53.269	0.010	53.289	0.006
46.202	-0.002	46.232	0.007	46.267	0.007	46.283	0.015	53.308	0.010	53.327	0.023	53.350	0.011	53.373	-0.006
46.323	0.020	46.378	-0.005	46.413	-0.018	46.439	-0.014	53.399	-0.023	53.435	-0.001	53.460	0.024	53.500	0.012
46.453	-0.018	46.485	-0.009	46.522	0.008	46.542	-0.001	53.530	0.004	53.557	-0.000	53.593	0.013	53.612	0.004
46.571	-0.018	46.600	-0.009	46.630	-0.001	46.654	-0.001	53.636	0.013	53.656	0.009	53.674	0.005	53.677	0.001
46.686	-0.001	46.711	-0.005	46.740	-0.001	46.759	0.012	53.693	0.009	53.721	0.018	53.726	0.018	53.734	0.022
46.807	0.016	46.843	0.004	46.858	0.004	46.875	-0.004								
46.891	0.000	46.931	0.018	46.959	0.005	46.999	0.018								
47.024	0.002	47.039	0.002	47.077	0.027	47.112	0.032								
47.158	0.028	47.196	0.020	47.221	0.024	47.234	0.012								
47.251	0.016	47.270	0.016	47.286	0.008	47.316	0.021								
47.322	0.030	47.354	0.013	47.393	-0.004	47.431	-0.016								
47.453	-0.011	47.498	0.012	47.539	0.001	47.569	-0.004								
47.614	-0.000	47.644	0.012	47.699	0.015	47.741	-0.015								
47.770	-0.011	47.798	0.002	47.831	0.014	47.875	0.009								
47.999	-0.004	47.918	-0.000	47.951	0.024	48.009	0.016								
48.026	0.011	48.057	-0.001	48.097	-0.010	48.156	-0.001								
48.185	0.007	48.213	0.007	48.238	0.015	48.276	0.007								
48.314	-0.001	48.342	-0.001	48.367	0.015	48.408	0.015								
48.430	-0.006	48.452	0.003	48.473	0.003	48.529	0.004								
48.584	-0.017	48.632	-0.009	48.663	-0.004	48.706	-0.000								
48.740	0.004	48.775	0.008	48.811	-0.001	48.839	-0.009								
48.882	-0.022	48.919	-0.010	48.963	-0.014	48.993	-0.027								
49.027	-0.023	49.057	-0.010	49.090	-0.002	49.132	-0.011								
49.159	-0.012	49.192	-0.012	49.239	-0.025	49.281	-0.021								
49.304	-0.012	49.319	-0.009	49.376	-0.005	49.403	-0.018								
49.438	-0.005	49.461	0.003	49.491	-0.001	49.501	-0.001								
49.532	0.011	49.546	0.003	49.567	-0.010	49.586	-0.006								
49.597	0.007	49.614	-0.006	49.638	-0.015	49.666	-0.011								
49.687	-0.007	49.723	-0.003	49.765	-0.003	49.795	-0.007								
49.829	-0.007	49.840	-0.015	49.878	-0.007	49.912	0.010								
49.944	0.010	49.968	-0.007	49.982	-0.003	49.996	0.001								
50.020	0.010	50.042	0.006	50.071	-0.011	50.099	0.001								
50.128	-0.003	50.147	0.006	50.161	-0.003	50.186	-0.007								
50.221	-0.024	50.240	-0.024	50.273	-0.024	50.306	-0.011								
50.332	0.001	50.371	-0.011	50.408	-0.015	50.428	0.001								

IE073

LE073
71-049 2/9/71 0600PT 4680 WILSHIRE, 3RD FLOOR L.A. N15E

3670 POINTS 60.407 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2567 G/10.

[illegible]

1.326	1.109	1.328	1.142	1.334	1.067	1.336	0.961	2.322	0.312	2.332	0.430	2.337	0.510	2.343	0.602
1.344	0.886	1.346	0.785	1.347	0.684	1.349	0.557	2.348	0.653	2.355	0.603	2.364	0.531	2.371	0.485
1.352	0.448	1.354	0.305	1.355	0.153	1.359	-0.053	2.384	0.417	2.402	0.346	2.410	0.253	2.413	0.106
1.360	-0.167	1.362	-0.289	1.367	-0.457	1.368	-0.605	2.418	0.089	2.420	0.009	2.421	-0.071	2.423	-0.172
1.370	-0.718	1.372	-0.777	1.373	-0.820	1.375	-0.925	2.428	-0.252	2.429	-0.315	2.433	-0.403	2.434	-0.496
1.378	-1.009	1.384	-1.064	1.384	-1.127	1.386	-1.186	2.436	-0.589	2.442	-0.677	2.446	-0.753	2.454	-0.812
1.388	-1.207	1.394	-1.106	1.397	-1.013	1.399	-0.824	2.455	-0.845	2.459	-0.795	2.460	-0.740	2.463	-0.677
1.401	-0.600	1.405	-0.339	1.409	-0.057	1.412	0.288	2.465	-0.580	2.468	-0.496	2.470	-0.416	2.473	-0.340
1.418	0.612	1.423	0.798	1.430	0.907	1.431	1.063	2.475	-0.214	2.476	-0.062	2.478	0.140	2.480	0.283
1.434	1.122	1.438	1.025	1.441	0.911	1.444	0.692	2.481	0.464	2.486	0.599	2.488	0.771	2.493	0.965
1.449	0.486	1.451	0.217	1.454	0.065	1.455	-0.343	2.494	1.117	2.498	1.188	2.502	1.294	2.506	1.319
1.457	-0.676	1.459	-0.967	1.463	-1.270	1.465	-1.518	2.511	1.277	2.512	1.159	2.514	0.991	2.517	0.839
1.468	-1.606	1.472	-1.691	1.473	-1.783	1.478	-1.809	2.524	0.687	2.525	0.544	2.528	0.456	2.540	0.384
1.484	-0.737	1.489	-1.632	1.496	-1.459	1.497	-1.236	2.545	0.325	2.550	0.233	2.558	0.178	2.571	0.144
1.502	-0.962	1.507	-0.811	1.510	-0.642	1.513	-0.448	2.577	0.203	2.584	0.304	2.592	0.401	2.595	0.536
1.515	-0.352	1.523	-0.221	1.531	-0.166	1.539	-0.238	2.600	0.649	2.605	0.835	2.607	0.969	2.608	1.171
1.551	-0.330	1.565	-0.448	1.578	-0.524	1.584	-0.519	2.610	1.323	2.613	1.462	2.615	1.597	2.618	1.752
1.593	-0.452	1.604	-0.321	1.612	-0.132	1.622	0.163	2.621	1.811	2.628	1.849	2.635	1.836	2.636	1.748
1.628	0.437	1.631	0.694	1.638	0.854	1.639	0.938	2.644	1.651	2.648	1.461	2.651	1.306	2.654	1.116
1.643	0.997	1.644	1.073	1.649	1.002	1.657	0.779	2.656	0.952	2.661	0.754	2.667	0.590	2.671	0.446
1.659	0.459	1.662	0.215	1.665	0.004	1.670	-0.185	2.677	0.345	2.687	0.299	2.694	0.358	2.708	0.429
1.672	-0.198	1.680	-0.425	1.686	-0.294	1.691	-0.059	2.713	0.522	2.723	0.467	2.728	0.324	2.740	0.201
1.694	0.198	1.697	0.476	1.704	0.733	1.709	0.965	2.744	-0.005	2.746	-0.228	2.748	-0.418	2.751	-0.603
1.715	1.058	1.720	1.176	1.722	1.260	1.723	1.298	2.754	-0.822	2.756	-0.978	2.758	-1.142	2.759	-1.142
1.733	1.226	1.743	1.100	1.752	0.957	1.756	0.831	2.761	-1.210	2.769	-1.353	2.776	-1.450	2.821	-1.530
1.765	0.697	1.768	0.566	1.772	0.427	1.775	0.259	2.795	-1.530	2.802	-1.488	2.815	-1.442	2.838	-1.303
1.781	0.048	1.788	-0.175	1.793	-0.318	1.798	-0.423	2.826	-1.290	2.828	-1.248	2.835	-1.261	2.838	-1.303
1.802	-0.503	1.810	-0.599	1.819	-0.451	1.825	-0.279	2.844	-1.383	2.853	-1.459	2.859	-1.518	2.867	-1.438
1.831	-0.085	1.836	0.108	1.844	0.277	1.849	0.395	2.872	-1.379	2.879	-1.413	2.884	-1.464	2.892	-1.498
1.857	0.420	1.865	0.307	1.872	0.130	1.877	-0.051	2.899	-1.447	2.907	-1.392	2.913	-1.317	2.918	-1.216
1.881	-0.286	1.895	-0.379	1.890	-0.585	1.896	-0.707	2.923	-1.144	2.925	-1.132	2.926	-1.064	2.930	-0.993
1.901	-0.808	1.906	-0.867	1.914	-0.922	1.915	-0.901	2.931	-0.858	2.936	-0.702	2.941	-0.437	2.946	-0.197
1.920	-0.871	1.928	-0.850	1.933	-0.816	1.936	-0.791	2.948	-0.117	2.953	0.018	2.959	0.177	2.971	0.422
1.944	-0.748	1.946	-0.698	1.948	-0.664	1.949	-0.597	2.972	0.581	2.976	0.733	2.979	0.864	2.982	0.965
1.954	-0.504	1.957	-0.432	1.961	-0.314	1.965	-0.184	2.984	1.070	2.989	1.150	2.992	1.259	2.997	1.331
1.969	-0.108	1.972	-0.057	1.973	-0.015	1.980	-0.024	3.005	1.373	3.010	1.335	3.012	1.221	3.015	1.116
1.985	-0.040	1.986	-0.074	1.991	-0.091	1.994	-0.120	3.017	0.977	3.020	0.812	3.025	0.661	3.026	0.526
2.001	-0.128	2.011	-0.116	2.017	-0.107	2.019	-0.090	3.028	0.362	3.030	0.202	3.033	0.113	3.041	0.067
2.030	-0.065	2.038	-0.022	2.043	0.011	2.053	0.041	3.043	0.113	3.049	0.223	3.054	0.362	3.059	0.505
2.054	0.092	2.057	0.138	2.059	0.205	2.064	0.298	3.061	0.589	3.062	0.665	3.067	0.757	3.071	0.892
2.065	0.361	2.070	0.408	2.072	0.467	2.074	0.526	3.072	1.006	3.074	1.187	3.076	1.313	3.077	1.410
2.075	0.563	2.077	0.526	2.078	0.479	2.085	0.441	3.079	1.519	3.087	1.629	3.097	1.595	3.102	1.519
2.087	0.378	2.088	0.298	2.090	0.222	2.093	0.117	3.113	1.414	3.115	1.296	3.118	1.149	3.122	0.858
2.095	0.012	2.096	-0.060	2.098	-0.127	2.101	-0.262	3.123	0.765	3.127	0.576	3.128	0.458	3.132	0.328
2.106	-0.333	2.109	-0.363	2.114	-0.308	2.119	-0.257	3.135	-0.145	3.145	-0.009	3.150	-0.136	3.161	-0.195
2.126	-0.156	2.127	-0.055	2.130	0.050	2.137	0.159	3.169	0.165	3.184	-0.153	3.194	-0.132	3.201	-0.224
2.147	0.223	2.150	0.172	2.160	0.071	2.163	0.025	3.202	-0.338	3.206	-0.447	3.209	-0.515	3.212	-0.649
2.173	-0.005	2.179	0.046	2.182	0.084	2.192	0.147	3.214	-0.801	3.216	-0.940	3.219	-1.054	3.220	-1.163
2.194	0.231	2.195	0.345	2.199	0.412	2.202	0.467	3.222	-1.277	3.225	-1.353	3.229	-1.450	3.234	-1.462
2.204	0.501	2.207	0.455	2.210	0.375	2.212	0.303	3.239	-1.407	3.242	-1.306	3.248	-1.214	3.257	-1.087
2.213	-0.273	2.218	-0.168	2.220	-0.021	2.221	-0.131	3.258	-0.970	3.262	-0.839	3.268	-0.692	3.275	-0.570
2.223	-0.286	2.225	-0.383	2.226	-0.493	2.228	-0.594	3.280	-0.477	3.288	-0.321	3.295	-0.182	3.298	-0.048
2.230	-0.712	2.231	-0.838	2.233	-0.914	2.234	-1.011	3.304	0.066	3.306	0.184	3.311	0.138	3.318	0.075
2.238	-1.082	2.251	-1.057	2.256	-0.968	2.257	-0.918	3.321	-0.283	3.332	-0.456	3.336	-0.755	3.344	-0.608
2.259	-0.838	2.260	-0.712	2.267	-0.573	2.270	-0.463	3.336	-0.742	3.346	-0.789	3.352	-1.040	3.372	-0.705
2.273	-0.274	2.282	-0.143	2.291	0.009	2.304	0.181	3.380	-0.604	3.383	-0.456	3.390	-0.225	3.398	-0.010

3.405	0.255	3.413	0.483	3.420	0.702	3.425	0.866	4.491	-1.164	4.503	-1.071	4.509	-0.961	4.519	-0.860
3.436	0.929	3.446	0.874	3.451	0.752	3.456	0.601	4.524	-0.772	4.527	-0.683	4.531	-0.582	4.541	-0.544
3.462	0.436	3.471	0.289	3.477	0.287	3.476	0.267	4.547	-0.599	4.549	-0.632	4.572	-0.573	4.583	-0.447
3.485	0.255	3.494	0.285	3.505	0.323	3.510	0.310	4.592	-0.321	4.603	-0.216	4.618	-0.106	4.624	0.016
3.517	0.212	3.525	0.226	3.541	0.251	3.546	0.310	4.631	0.146	4.636	0.285	4.642	0.437	4.649	0.550
3.558	0.348	3.564	0.293	3.571	0.213	3.576	0.108	4.655	0.630	4.664	0.622	4.670	0.546	4.677	0.512
3.579	-0.006	3.581	-0.044	3.584	-0.111	3.589	-0.195	4.683	0.530	4.696	0.588	4.701	0.663	4.705	0.722
3.594	-0.296	3.606	-0.279	3.611	-0.212	3.619	-0.103	4.711	0.639	4.718	0.625	4.728	0.516	4.734	0.381
3.629	-0.018	3.639	0.053	3.647	0.041	3.652	-0.026	4.736	0.276	4.742	0.175	4.747	0.141	4.755	0.183
3.655	-0.136	3.659	-0.279	3.660	-0.405	3.662	-0.599	4.762	0.267	4.777	0.343	4.782	0.292	4.795	0.183
3.667	-0.178	3.675	-0.261	3.680	-1.100	3.682	-1.230	4.801	0.058	4.813	-0.129	4.819	-0.239	4.827	-0.313
3.688	-1.298	3.695	-1.277	3.700	-1.205	3.706	-1.083	4.845	-0.500	4.854	-0.559	4.859	-0.668	4.867	-0.816
3.708	-0.956	3.713	-0.813	3.720	-0.687	3.723	-0.523	4.883	-1.342	4.893	-1.448	4.898	-1.523	4.898	-1.549
3.728	-0.325	3.734	-0.131	3.741	0.042	3.749	0.202	4.914	-1.427	4.924	-1.376	4.926	-1.305	4.926	-1.305
3.754	-0.395	3.758	0.343	3.759	0.648	3.769	0.707	4.931	-1.103	4.939	-1.035	4.947	-0.989	4.947	-0.989
3.779	0.669	3.787	0.577	3.794	0.446	3.799	0.282	4.957	-0.930	4.965	-0.796	4.975	-0.644	4.983	-0.552
3.802	0.147	3.807	0.008	3.809	-0.244	3.810	-0.459	4.988	-0.480	4.999	-0.535	5.011	-0.586	5.024	-0.544
3.812	-0.589	3.815	-0.741	3.824	-0.859	3.828	-0.985	5.037	-0.363	5.040	-0.148	5.055	0.016	5.067	0.210
3.833	-1.023	3.840	-0.943	3.847	-0.804	3.852	-0.749	5.083	0.416	5.096	0.559	5.116	0.656	5.135	0.714
3.853	-0.597	3.855	-0.475	3.858	-0.298	3.860	-0.096	5.144	0.719	5.154	0.786	5.160	0.870	5.173	0.904
3.863	0.030	3.865	0.232	3.866	0.464	3.871	0.628	5.183	0.853	5.188	0.769	5.195	0.727	5.199	0.621
3.873	0.702	3.883	1.837	3.888	1.268	3.893	1.736	5.203	0.520	5.208	0.423	5.213	0.305	5.214	0.179
3.913	1.593	3.914	1.504	3.916	1.348	3.918	1.017	5.221	0.082	5.227	0.006	5.237	0.078	5.245	0.170
3.919	0.969	3.921	0.628	3.924	0.296	3.931	0.194	5.255	0.242	5.268	0.330	5.278	0.410	5.280	0.440
3.932	-0.285	3.939	-0.529	3.949	-0.723	3.951	-0.900	5.281	0.389	5.288	0.292	5.298	0.195	5.306	0.119
3.960	-1.034	3.970	-0.975	3.980	-0.874	3.990	-0.756	5.311	0.077	5.318	0.111	5.324	0.178	5.332	0.275
3.995	-0.621	4.000	-0.491	4.008	-0.365	4.012	-0.175	5.339	0.405	5.344	0.561	5.345	0.658	5.352	0.767
4.013	0.023	4.023	0.154	4.027	0.284	4.030	0.389	5.357	0.847	5.364	0.915	5.370	0.856	5.375	0.776
4.045	-0.267	4.046	-0.385	4.048	-0.541	4.050	-0.667	5.385	0.670	5.391	0.649	5.401	0.695	5.419	0.733
4.051	-0.815	4.053	-1.059	4.055	-1.248	4.058	-1.404	5.446	0.417	5.452	0.337	5.460	0.396	5.465	0.472
4.063	-1.577	4.064	-1.754	4.066	-1.892	4.076	-2.048	5.475	0.547	5.482	0.644	5.487	0.716	5.492	0.779
4.069	-2.095	4.071	-2.162	4.076	-2.132	4.078	-2.064	5.495	0.690	5.501	0.572	5.505	0.362	5.510	0.273
4.084	-1.960	4.089	-1.825	4.091	-1.699	4.092	-1.564	5.511	0.155	5.514	0.067	5.518	-0.101	5.521	-0.282
4.096	-1.387	4.097	-1.185	4.099	-1.067	4.106	-0.886	5.533	-0.388	5.537	-0.337	5.544	-0.253	5.549	-0.144
4.109	-0.721	4.111	-0.528	4.112	-0.321	4.113	-0.010	5.554	-0.076	5.562	0.003	5.567	0.041	5.569	0.109
4.117	0.146	4.122	0.298	4.125	0.453	4.127	0.567	5.574	-0.228	5.577	-0.003	5.593	-0.081	5.600	-0.152
4.139	0.529	4.150	0.449	4.152	0.327	4.157	0.210	5.607	-0.228	5.613	-0.244	5.623	-0.194	5.635	-0.160
4.158	0.071	4.162	-0.165	4.165	-0.338	4.170	-0.472	5.646	-0.206	5.651	-0.252	5.656	-0.341	5.663	-0.404
4.175	-0.628	4.177	-0.780	4.178	-0.889	4.183	-1.036	5.669	-0.480	5.676	-0.509	5.677	-0.543	5.689	-0.517
4.190	-1.125	4.195	-1.175	4.201	-1.112	4.203	-1.003	5.692	-0.475	5.696	-0.433	5.701	-0.395	5.710	-0.416
4.208	-0.889	4.213	-0.775	4.214	-0.602	4.216	-0.468	5.714	-0.454	5.715	-0.513	5.722	-0.572	5.732	-0.622
4.221	-0.312	4.223	-0.156	4.229	0.046	4.231	0.198	5.739	-0.656	5.747	-0.601	5.755	-0.542	5.770	-0.461
4.236	0.379	4.237	0.535	4.241	0.690	4.242	0.817	5.773	-0.285	5.778	-0.125	5.780	-0.040	5.783	0.031
4.244	0.989	4.251	1.120	4.256	1.200	4.261	1.238	5.786	0.090	5.798	0.120	5.805	0.074	5.811	-0.006
4.264	0.788	4.269	1.141	4.274	1.007	4.279	0.880	5.826	-0.082	5.838	-0.124	5.851	-0.094	5.857	0.011
4.284	0.788	4.289	0.628	4.293	0.514	4.300	0.417	5.864	0.129	5.867	0.239	5.874	0.323	5.880	0.277
4.307	0.363	4.315	0.434	4.326	0.519	4.330	0.632	5.892	0.197	5.900	0.088	5.905	0.058	5.917	0.105
4.340	0.717	4.343	0.763	4.353	0.704	4.359	0.603	5.920	0.172	5.925	0.273	5.930	0.362	5.933	0.442
4.363	0.469	4.369	0.363	4.374	0.233	4.381	0.081	5.940	0.505	5.943	0.551	5.946	0.492	5.951	0.421
4.386	-0.036	4.392	-0.125	4.396	-0.150	4.402	-0.074	5.958	0.354	5.963	0.278	5.965	0.194	5.966	0.114
4.407	0.023	4.414	0.115	4.419	0.170	4.422	0.250	5.973	0.034	5.976	-0.055	5.984	-0.130	5.986	-0.156
4.432	0.335	4.437	0.394	4.440	0.326	4.448	0.183	5.991	-0.122	6.006	-0.071	6.022	-0.041	6.031	-0.113
4.458	0.032	4.465	-0.137	4.466	-0.322	4.470	-0.490	6.044	-0.218	6.049	-0.340	6.055	-0.441	6.060	-0.525
4.475	-0.680	4.483	-0.856	4.486	-0.958	4.490	-1.084	6.072	-0.504	6.077	-0.411	6.082	-0.314	6.093	-0.192

6.095	-0.062	6.097	0.052	6.105	0.124	6.111	0.191	8.244	-0.398	8.259	-0.364	8.287	-0.292	8.307	-0.233
6.118	0.162	6.129	0.124	6.139	0.086	6.147	0.132	8.327	-0.174	8.335	-0.111	8.347	-0.073	8.358	-0.060
6.154	0.288	6.164	0.372	6.167	0.436	6.177	0.478	8.368	-0.077	8.380	-0.093	8.388	-0.119	8.399	-0.131
6.189	0.461	6.200	0.377	6.202	0.352	6.217	0.369	8.412	-0.139	8.431	-0.105	8.441	-0.025	8.452	0.042
6.230	0.331	6.239	0.234	6.258	0.297	6.266	0.386	8.462	0.122	8.470	0.261	8.472	0.371	8.483	0.464
6.279	0.466	6.294	0.554	6.304	0.630	6.313	0.677	8.492	0.514	8.501	0.455	8.511	0.371	8.518	0.253
6.325	0.639	6.333	0.529	6.343	0.432	6.359	0.378	8.523	0.152	8.526	0.018	8.538	-0.104	8.539	-0.176
6.371	0.391	6.386	0.509	6.396	0.656	6.401	0.867	8.544	-0.239	8.551	-0.289	8.561	-0.235	8.569	-0.117
6.407	0.997	6.414	1.107	6.424	1.191	6.435	1.128	8.579	-0.100	8.585	-0.036	8.589	0.018	8.600	0.035
6.445	0.968	6.458	0.808	6.466	0.690	6.483	0.513	8.602	0.061	8.615	0.014	8.625	-0.045	8.636	-0.133
6.491	0.370	6.502	0.286	6.509	0.206	6.516	0.282	8.645	-0.217	8.661	-0.297	8.671	-0.343	8.687	-0.385
6.544	0.328	6.552	0.270	6.568	0.202	6.581	0.093	8.699	-0.368	8.714	-0.296	8.722	-0.200	8.723	-0.128
6.593	-0.004	6.596	-0.084	6.607	-0.088	6.617	-0.021	8.730	-0.073	8.740	-0.027	8.748	-0.098	8.755	-0.098
6.624	0.038	6.632	0.118	6.637	0.177	6.646	0.301	8.763	-0.140	8.773	-0.195	8.781	-0.216	8.788	-0.153
6.653	0.421	6.661	0.484	6.673	0.518	6.692	0.535	8.799	-0.073	8.816	-0.005	8.825	0.067	8.834	0.079
6.700	0.531	6.707	0.455	6.718	0.383	6.731	0.278	8.843	0.054	8.852	0.012	8.853	-0.013	8.868	0.034
6.738	0.198	6.746	0.131	6.759	0.164	6.782	0.211	8.881	0.000	8.891	0.055	8.899	0.105	8.903	0.164
6.787	0.228	6.805	0.139	6.809	-0.008	6.818	-0.177	8.906	0.177	8.919	0.147	8.934	0.089	8.945	-0.012
6.824	-0.341	6.832	-0.471	6.840	-0.568	6.845	-0.644	8.952	-0.092	8.970	-0.197	8.977	-0.282	8.983	-0.353
6.857	-0.711	6.870	-0.678	6.878	-0.614	6.889	-0.543	8.991	-0.378	9.013	-0.399	9.019	-0.483	9.029	-0.584
6.898	-0.471	6.902	-0.421	6.922	-0.513	6.945	-0.610	9.036	-0.664	9.042	-0.702	9.065	-0.702	9.085	-0.710
6.959	-0.631	6.974	-0.581	6.994	-0.501	7.002	-0.391	9.095	-0.756	9.101	-0.773	9.113	-0.723	9.128	-0.634
7.012	-0.236	7.028	-0.118	7.034	-0.050	7.039	-0.050	9.136	-0.550	9.144	-0.482	9.162	-0.415	9.175	-0.364
7.052	-0.160	7.062	-0.248	7.064	-0.252	7.065	-0.294	9.187	-0.217	9.195	-0.111	9.202	0.045	9.212	0.200
7.070	-0.353	7.078	-0.387	7.087	-0.328	7.100	-0.252	9.220	0.360	9.233	0.525	9.241	0.643	9.256	0.723
7.105	-0.151	7.113	-0.050	7.119	-0.030	7.126	0.114	9.281	0.757	9.302	0.812	9.313	0.862	9.338	0.863
7.132	0.181	7.136	0.227	7.145	0.265	7.152	0.185	9.348	0.795	9.358	0.728	9.369	0.635	9.378	0.547
7.159	0.109	7.170	0.025	7.181	0.110	7.183	0.177	9.384	0.455	9.392	0.366	9.397	0.261	9.409	0.156
7.191	-0.236	7.201	-0.270	7.214	-0.202	7.226	-0.118	9.415	0.076	9.427	0.017	9.440	-0.042	9.458	-0.092
7.237	0.008	7.244	0.105	7.257	0.181	7.268	0.203	9.470	-0.176	9.479	-0.244	9.484	-0.303	9.489	-0.361
7.281	0.151	7.288	0.004	7.299	0.098	7.306	-0.202	9.494	-0.420	9.499	-0.479	9.511	-0.504	9.524	-0.454
7.314	-0.304	7.327	-0.363	7.340	-0.304	7.360	-0.232	9.539	-0.407	9.560	-0.298	9.585	-0.184	9.611	-0.083
7.371	-0.123	7.381	-0.052	7.386	-0.022	7.392	-0.102	9.645	0.023	9.675	0.099	9.695	0.158	9.710	0.196
7.404	-0.165	7.407	-0.237	7.414	-0.309	7.417	-0.355	9.724	0.179	9.733	0.128	9.741	0.095	9.747	0.124
7.422	-0.410	7.430	-0.464	7.441	-0.427	7.451	-0.342	9.754	0.158	9.766	0.192	9.774	0.225	9.780	0.171
7.459	-0.309	7.464	-0.220	7.473	-0.119	7.479	-0.052	9.787	0.120	9.795	0.070	9.805	-0.002	9.818	-0.086
7.487	0.036	7.492	0.079	7.500	-0.002	7.510	-0.090	9.831	-0.166	9.840	-0.254	9.846	-0.343	9.853	-0.372
7.522	-0.162	7.535	-0.216	7.543	-0.229	7.561	-0.204	9.858	-0.418	9.866	-0.444	9.871	-0.486	9.886	-0.460
7.576	-0.124	7.581	-0.023	7.590	0.091	7.595	0.221	9.892	-0.401	9.899	-0.326	9.909	-0.225	9.919	-0.170
7.617	0.369	7.622	0.436	7.628	0.482	7.643	0.419	9.940	-0.111	9.956	0.085	9.971	-0.031	9.978	0.024
7.650	0.347	7.655	0.213	7.663	0.031	7.668	-0.086	9.984	0.054	9.996	0.041	10.006	-0.005	10.019	-0.030
7.674	-0.200	7.679	-0.305	7.684	-0.402	7.693	-0.373	10.030	0.016	10.037	0.079	10.050	0.184	10.058	0.248
7.706	-0.289	7.712	-0.183	7.721	-0.070	7.722	0.061	10.070	0.290	10.081	0.264	10.091	0.230	10.103	0.180
7.726	0.174	7.734	0.225	7.745	0.267	7.762	0.221	10.122	0.146	10.131	0.129	10.145	0.078	10.160	0.019
7.778	0.149	7.786	0.078	7.795	-0.003	7.796	-0.112	10.173	-0.028	10.188	-0.078	10.196	-0.112	10.213	-0.129
7.805	-0.188	7.808	-0.260	7.811	-0.335	7.818	-0.390	10.233	-0.142	10.254	-0.084	10.269	0.005	10.279	0.106
7.826	-0.361	7.834	-0.293	7.844	-0.230	7.849	-0.171	10.288	0.173	10.305	0.219	10.323	0.193	10.334	0.189
7.866	-0.188	7.880	-0.230	7.892	-0.277	7.905	-0.256	10.348	0.235	10.380	0.294	10.392	0.327	10.407	0.398
7.908	-0.243	7.923	-0.281	7.931	-0.319	7.943	-0.374	10.418	0.525	10.430	0.630	10.445	0.697	10.456	0.714
7.959	-0.412	7.966	-0.336	7.976	-0.222	7.983	-0.126	10.466	0.697	10.479	0.654	10.491	0.604	10.502	0.620
7.994	0.009	8.002	0.072	8.011	0.043	8.015	-0.063	10.517	0.658	10.525	0.708	10.538	0.670	10.548	0.594
8.024	-0.147	8.030	-0.227	8.042	-0.265	8.050	-0.240	10.556	0.510	10.563	0.417	10.569	0.350	10.581	0.303
8.058	-0.193	8.067	-0.101	8.070	-0.008	8.071	0.047	10.601	0.303	10.619	0.320	10.635	0.341	10.647	0.307
8.083	0.114	8.090	0.156	8.109	0.123	8.123	0.106	10.666	0.252	10.681	0.185	10.696	0.113	10.706	0.041
8.134	0.119	8.151	0.056	8.155	-0.003	8.174	-0.091	10.717	-0.014	10.727	0.049	10.745	0.121	10.760	0.218
8.190	-0.146	8.208	-0.205	8.216	-0.272	8.233	-0.348	10.780	0.272	10.800	0.297	10.818	0.297	10.844	0.322

10.859	0.276	10.867	0.200	10.885	0.115	10.900	0.132	14.460	-0.155	14.470	-0.113	14.485	-0.054	14.501	-0.079
10.931	0.178	10.939	0.132	10.953	0.085	10.966	0.090	14.514	-0.138	14.529	-0.189	14.547	-0.210	14.562	-0.231
10.982	0.119	10.997	0.148	11.005	0.068	11.018	0.098	14.578	-0.252	14.601	-0.245	14.612	-0.215	14.630	-0.174
11.030	-0.113	11.050	-0.231	11.066	-0.324	11.081	-0.387	14.653	-0.174	14.678	-0.175	14.700	-0.155	14.710	-0.159
11.101	-0.471	11.109	-0.538	11.124	-0.488	11.140	-0.408	14.730	-0.155	14.746	-0.139	14.764	-0.097	14.784	-0.064
11.147	-0.340	11.162	-0.370	11.183	-0.386	11.203	-0.340	14.798	-0.052	14.810	-0.027	14.828	-0.002	14.841	-0.002
11.221	-0.268	11.244	-0.201	11.256	-0.100	11.264	-0.049	14.857	-0.024	14.872	-0.028	14.888	-0.012	14.908	0.034
11.272	0.027	11.286	0.098	11.310	0.124	11.338	0.175	14.921	0.105	14.934	0.151	14.942	0.176	14.952	0.184
11.355	0.208	11.373	0.200	11.386	0.183	11.411	0.154	14.970	0.184	14.986	0.183	15.001	0.204	15.014	0.233
11.429	0.083	11.446	0.015	11.465	-0.001	11.487	0.011	15.029	0.220	15.045	0.211	15.058	0.245	15.076	0.299
11.498	0.020	11.515	-0.005	11.533	-0.052	11.550	-0.047	15.089	0.354	15.120	0.383	15.135	0.370	15.157	0.370
11.569	-0.013	11.584	0.037	11.586	0.067	11.604	0.025	15.167	0.349	15.195	0.319	15.223	0.335	15.239	0.335
11.614	-0.038	11.631	-0.114	11.649	-0.198	11.683	-0.249	15.254	0.301	15.275	0.234	15.291	0.183	15.312	0.183
11.702	-0.287	11.725	-0.291	11.740	-0.286	11.758	-0.375	15.338	0.157	15.355	0.148	15.378	0.114	15.399	0.064
11.774	-0.476	11.783	-0.556	11.797	-0.602	11.809	-0.593	15.435	0.021	15.428	-0.025	15.448	-0.021	15.469	-0.022
11.829	-0.568	11.847	-0.568	11.869	-0.522	11.888	-0.479	15.487	-0.030	15.506	-0.047	15.519	-0.073	15.529	-0.098
11.915	-0.429	11.933	-0.361	11.946	-0.264	11.956	-0.193	15.545	0.098	15.555	0.098	15.572	-0.124	15.585	-0.141
11.969	-0.151	11.988	-0.172	12.002	-0.214	12.014	-0.235	15.604	-0.107	15.626	-0.043	15.642	-0.022	15.660	-0.013
12.022	-0.247	12.036	-0.188	12.052	-0.083	12.075	-0.011	15.675	-0.005	15.686	0.017	15.703	-0.004	15.717	-0.021
12.100	0.022	12.108	0.022	12.125	-0.024	12.140	-0.100	15.743	0.001	15.752	0.005	15.763	-0.024	15.780	-0.079
12.149	-0.137	12.177	-0.112	12.192	-0.104	12.206	-0.163	15.798	-0.074	15.814	-0.070	15.835	-0.082	15.856	-0.086
12.217	-0.213	12.225	-0.255	12.235	-0.238	12.253	-0.184	15.879	-0.035	15.889	-0.022	15.909	-0.052	15.919	-0.089
12.268	-0.133	12.285	-0.112	12.293	-0.078	12.321	-0.019	15.932	-0.127	15.947	-0.076	15.966	-0.038	15.984	-0.034
12.343	0.023	12.364	0.069	12.384	0.095	12.404	0.137	15.992	-0.046	16.015	-0.033	16.030	-0.016	16.050	-0.041
12.417	0.116	12.425	0.091	12.443	0.074	12.456	0.091	16.063	-0.121	16.074	-0.167	16.086	-0.188	16.097	-0.138
12.471	0.124	12.486	0.103	12.503	0.036	12.516	0.011	16.109	-0.091	16.119	-0.032	16.129	-0.018	16.137	0.061
12.527	-0.015	12.547	-0.099	12.570	-0.200	12.572	-0.217	16.154	0.027	16.172	-0.019	16.183	-0.074	16.198	-0.124
12.592	-0.200	12.600	-0.153	12.619	-0.111	12.636	-0.069	16.210	-0.141	16.225	-0.090	16.241	-0.023	16.256	0.007
12.592	-0.102	12.670	-0.128	12.701	-0.119	12.726	-0.119	16.269	0.032	16.287	-0.002	16.289	-0.040	16.300	-0.069
12.746	-0.119	12.759	-0.072	12.774	-0.026	12.785	0.016	16.320	-0.056	16.338	-0.035	16.355	-0.048	16.368	-0.064
12.796	0.037	12.806	0.021	12.823	-0.009	12.836	-0.034	16.375	-0.031	16.388	-0.003	16.408	0.050	16.421	0.029
12.851	-0.009	12.856	0.042	12.870	0.093	12.888	0.093	16.434	0.008	16.451	-0.005	16.467	0.025	16.480	0.054
12.896	0.042	12.915	0.017	12.926	0.051	12.941	0.102	16.487	0.071	16.508	0.017	16.515	0.004	16.526	0.021
12.949	0.173	12.967	0.245	12.975	0.300	12.993	0.279	16.548	0.050	16.568	0.042	16.573	0.017	16.592	-0.042
13.010	0.254	13.026	0.212	13.037	0.178	13.052	0.149	16.604	-0.067	16.629	-0.009	16.643	0.017	16.650	-0.004
13.062	0.199	13.077	0.262	13.085	0.305	13.095	0.347	16.660	-0.051	16.675	-0.114	16.696	-0.097	16.713	-0.072
13.105	0.376	13.124	0.330	13.144	0.288	13.167	0.263	16.742	-0.119	16.759	-0.106	16.778	-0.081	16.802	-0.069
13.184	0.297	13.191	0.347	13.204	0.381	13.215	0.444	16.821	-0.111	16.836	-0.145	16.857	-0.107	16.877	-0.056
13.235	0.419	13.231	0.373	13.274	0.310	13.295	0.188	16.895	-0.099	16.913	-0.149	16.940	-0.112	16.974	-0.099
13.312	0.138	13.330	0.146	13.349	0.138	13.369	0.129	16.986	-0.091	17.007	-0.162	17.029	-0.184	17.039	-0.201
13.380	0.079	13.390	0.003	13.405	-0.085	13.418	-0.140	17.035	-0.251	17.075	-0.264	17.081	-0.234	17.106	-0.163
13.432	-0.056	13.445	-0.131	13.465	-0.093	13.478	-0.063	17.119	-0.171	17.159	-0.229	17.180	-0.170	17.195	-0.149
13.486	-0.038	13.499	-0.055	13.519	-0.105	13.543	-0.147	17.224	-0.123	17.242	-0.085	17.259	-0.018	17.283	0.054
13.563	-0.122	13.574	-0.172	13.600	-0.189	13.618	-0.189	17.298	0.088	17.308	0.054	17.323	0.021	17.341	-0.013
13.630	-0.201	13.646	-0.189	13.662	-0.163	13.676	-0.138	17.354	-0.063	17.367	-0.059	17.388	0.009	17.405	0.051
13.695	-0.146	13.711	-0.159	13.728	-0.209	13.744	-0.277	17.423	0.056	17.443	0.094	17.472	0.107	17.498	0.056
13.757	-0.319	13.772	-0.251	13.788	-0.192	13.799	-0.146	17.520	0.023	17.544	0.061	17.572	0.103	17.600	0.112
13.814	-0.090	13.819	-0.074	13.848	-0.078	13.866	-0.095	17.619	0.099	17.638	0.083	17.657	0.095	17.685	0.138
13.894	-0.090	13.910	-0.052	13.922	-0.023	13.930	-0.002	17.706	0.155	17.723	0.134	17.737	0.083	17.756	0.016
13.956	0.003	13.968	0.049	13.987	0.112	14.015	0.201	17.766	-0.018	17.782	0.024	17.800	0.054	17.822	0.117
14.026	0.277	14.039	0.336	14.059	0.361	14.074	0.319	17.840	0.084	17.863	-0.005	17.884	-0.093	17.899	-0.093
14.093	0.294	14.109	0.256	14.127	0.231	14.147	0.239	17.921	-0.026	17.929	-0.000	17.944	-0.004	17.977	-0.067
14.172	0.209	14.203	0.158	14.222	0.083	14.240	0.032	17.990	-0.084	18.008	-0.063	18.023	0.051	18.035	0.122
14.269	0.015	14.289	-0.027	14.305	-0.112	14.318	-0.158	18.048	0.127	18.083	0.004	18.093	0.051	18.111	-0.055
14.338	-0.158	14.366	-0.158	14.384	-0.121	14.394	-0.095	18.131	-0.009	18.143	0.075	18.154	0.117	18.169	0.147
14.407	-0.117	14.420	-0.167	14.433	-0.230	14.446	-0.222	18.181	0.117	18.206	0.029	18.219	-0.047	18.226	-0.073

18.239	-0.043	18.262	0.032	18.285	0.070	18.302	0.032	23.189	-0.064	23.210	-0.043	23.243	-0.030	23.278	-0.009
18.325	-0.010	18.334	-0.027	18.365	0.044	18.394	-0.028	23.298	0.016	23.324	0.017	23.344	0.004	23.355	0.004
18.409	-0.028	18.458	0.056	18.473	0.090	18.490	0.039	23.378	0.030	23.398	0.055	23.415	0.026	23.443	-0.021
18.525	-0.096	18.538	-0.105	18.578	-0.066	18.591	-0.025	23.466	-0.075	23.482	-0.092	23.505	-0.054	23.528	-0.049
18.605	-0.055	18.633	-0.139	18.651	-0.169	18.679	-0.042	23.553	-0.070	23.569	-0.087	23.588	-0.066	23.606	-0.019
18.699	0.063	18.721	0.092	18.752	0.071	18.764	0.058	23.613	0.010	23.658	0.061	23.678	0.074	23.698	0.053
18.797	0.159	18.819	0.251	18.827	0.264	18.847	0.192	23.714	0.053	23.726	0.095	23.734	0.137	23.744	0.171
18.867	0.104	18.917	0.099	18.947	0.086	18.966	0.006	23.756	0.021	23.772	0.167	23.792	0.113	23.812	0.083
18.986	-0.116	19.010	-0.133	19.031	-0.120	19.063	-0.087	23.821	-0.059	23.845	-0.122	23.869	-0.084	23.898	-0.109
19.086	-0.112	19.119	-0.134	19.150	-0.109	19.178	-0.101	24.038	-0.121	24.076	-0.091	24.104	-0.032	24.125	0.010
19.214	-0.042	19.247	-0.069	19.279	0.020	19.307	0.005	24.150	-0.037	24.175	-0.066	24.293	-0.008	24.311	-0.018
19.353	0.024	19.371	0.095	19.386	0.133	19.406	0.082	24.240	0.005	24.268	0.018	24.293	0.008	24.311	-0.018
19.432	0.014	19.465	0.027	19.496	0.010	19.517	0.072	24.326	-0.016	24.354	0.026	24.372	0.072	24.384	0.093
19.539	0.131	19.549	0.156	19.565	0.097	19.588	0.009	24.421	0.076	24.454	0.068	24.480	0.059	24.508	0.047
19.598	-0.004	19.624	0.050	19.635	0.080	19.656	0.025	24.525	0.034	24.558	-0.008	24.581	-0.025	24.598	0.016
19.673	-0.009	19.701	0.050	19.735	0.079	19.751	0.121	24.618	-0.037	24.623	-0.067	24.634	-0.105	24.654	-0.100
19.774	0.100	19.805	0.053	19.818	0.053	19.843	0.108	24.674	-0.075	24.701	-0.066	24.717	-0.054	24.744	-0.007
19.862	0.166	19.882	0.242	19.895	0.217	19.920	0.136	24.759	0.005	24.787	0.010	24.812	0.056	24.824	0.073
19.934	0.077	19.969	0.043	20.001	0.014	20.011	0.035	24.840	0.052	24.858	0.006	24.880	0.027	24.892	0.065
20.036	-0.096	20.052	-0.202	20.075	-0.231	20.112	-0.223	24.905	0.086	24.923	0.069	24.950	0.019	24.969	0.019
20.140	-0.223	20.152	-0.194	20.170	-0.182	20.186	-0.245	24.984	0.019	25.006	-0.019	25.026	-0.027	25.066	-0.031
20.202	-0.262	20.232	-0.169	20.255	-0.043	20.269	0.024	25.102	-0.031	25.118	-0.023	25.143	-0.014	25.160	-0.010
20.290	0.053	20.313	0.019	20.336	0.074	20.359	0.154	25.189	0.057	25.209	0.062	25.227	0.062	25.252	0.066
20.367	0.217	20.380	0.229	20.400	0.187	20.410	0.107	25.280	0.104	25.298	0.138	25.331	0.121	25.366	0.117
20.433	0.039	20.455	0.022	20.475	0.026	20.490	0.047	25.392	0.113	25.415	0.138	25.450	0.180	25.471	0.134
20.506	0.089	20.524	0.022	20.544	-0.079	20.558	-0.130	25.493	0.079	25.508	0.054	25.559	0.054	25.578	0.041
20.583	-0.080	20.602	-0.004	20.624	0.026	20.643	0.017	25.608	-0.035	25.649	-0.107	25.662	-0.111	25.685	-0.091
20.661	-0.029	20.679	0.063	20.692	-0.067	20.710	0.005	25.706	-0.053	25.726	-0.074	25.747	-0.100	25.774	-0.096
20.732	0.034	20.754	0.081	20.765	0.086	20.788	-0.033	25.815	-0.054	25.846	-0.025	25.877	-0.051	25.901	-0.068
20.882	-0.087	20.910	-0.024	20.921	-0.033	20.947	-0.075	25.931	0.031	25.972	-0.119	25.998	-0.111	26.019	-0.086
20.999	0.006	21.019	0.014	21.045	-0.020	21.058	-0.036	26.042	-0.104	26.069	-0.100	26.092	-0.071	26.131	-0.113
21.071	-0.081	21.098	0.044	21.131	0.023	21.167	-0.043	26.241	-0.057	26.277	-0.087	26.318	-0.030	26.320	-0.022
21.201	-0.093	21.307	-0.097	21.341	-0.096	21.371	-0.113	26.396	0.013	26.447	0.011	26.452	0.011	26.483	0.069
21.236	-0.075	21.410	-0.087	21.436	-0.095	21.449	-0.057	26.521	0.090	26.555	0.127	26.570	0.118	26.608	0.080
21.464	0.015	21.465	-0.006	21.483	0.049	21.496	0.074	26.629	0.088	26.664	0.104	26.689	0.057	26.720	0.006
21.524	0.045	21.540	0.012	21.565	-0.005	21.576	0.020	26.740	0.006	26.761	-0.037	26.784	-0.054	26.818	-0.025
21.604	0.041	21.630	0.041	21.650	0.028	21.666	0.024	26.864	-0.021	26.905	-0.001	26.942	0.049	26.970	0.111
21.689	-0.006	21.709	-0.014	21.742	-0.014	21.771	-0.052	27.009	0.123	27.048	0.098	27.099	0.038	27.121	0.063
21.791	-0.035	21.811	0.028	21.827	0.074	21.857	0.011	27.154	0.004	27.169	-0.048	27.205	-0.001	27.225	-0.043
21.875	-0.074	21.895	-0.116	21.913	-0.095	21.941	-0.019	27.259	-0.035	27.306	-0.048	27.335	-0.040	27.385	-0.011
21.965	0.048	21.985	0.014	22.005	-0.028	22.026	-0.057	27.414	0.014	27.449	0.010	27.464	-0.024	27.489	-0.054
22.049	-0.024	22.074	0.027	22.095	0.085	22.110	0.123	27.518	-0.020	27.545	-0.013	27.566	0.021	27.616	0.013
22.125	0.093	22.138	0.043	22.153	0.021	22.183	0.042	27.634	-0.034	27.647	-0.037	27.682	0.038	27.715	0.084
22.213	0.063	22.236	0.033	22.251	0.054	22.271	0.029	27.749	0.055	27.799	0.017	27.838	0.017	27.873	-0.000
22.297	-0.010	22.322	-0.065	22.345	-0.069	22.365	-0.014	27.886	-0.017	27.919	-0.051	27.965	-0.038	27.993	-0.034
22.388	0.036	22.407	0.019	22.431	-0.015	22.465	-0.037	28.010	-0.005	28.038	0.020	28.071	0.008	28.091	0.020
22.489	0.014	22.511	0.072	22.534	0.089	22.556	0.152	28.122	0.016	28.153	-0.017	28.211	-0.038	28.244	-0.114
22.576	0.135	22.600	0.080	22.620	0.055	22.644	0.088	28.280	0.017	28.296	-0.067	28.334	-0.101	28.370	-0.042
22.662	0.067	22.688	-0.013	22.707	-0.059	22.743	-0.106	28.408	-0.017	28.465	-0.043	28.500	0.089	28.536	0.056
22.760	-0.081	22.788	-0.030	22.818	-0.081	22.835	-0.098	28.564	0.027	28.595	-0.066	28.636	-0.015	28.667	-0.040
22.876	-0.098	22.901	-0.098	22.906	-0.056	22.917	-0.026	28.695	-0.099	28.710	-0.112	28.741	-0.082	28.782	-0.015
22.929	0.011	22.951	-0.022	22.971	-0.056	22.986	-0.098	28.802	-0.052	28.815	-0.082	28.833	-0.069	28.851	-0.084
23.009	-0.103	23.022	-0.107	23.050	-0.099	23.070	-0.065	28.868	0.024	28.894	-0.031	28.922	-0.048	28.956	-0.031
23.097	-0.052	23.118	-0.069	23.146	-0.102	23.167	-0.098	28.996	0.020	29.022	0.062	29.043	0.041	29.068	-0.013

29.076	-0.030	29.091	0.012	29.109	0.087	29.122	0.091	35.951	0.042	35.993	0.029	36.031	-0.013	36.069	-0.013
29.147	0.003	29.162	-0.111	29.175	-0.082	29.199	-0.019	36.103	0.004	36.123	-0.030	36.190	-0.043	36.253	-0.044
29.223	-0.019	29.244	0.023	29.259	0.001	29.277	-0.058	36.294	0.015	36.335	0.015	36.376	-0.028	36.427	0.039
29.303	-0.142	29.326	-0.083	29.339	0.030	29.356	0.106	36.465	0.014	36.498	-0.020	36.544	-0.017	36.587	0.008
29.379	0.059	29.407	0.034	29.418	0.017	29.446	-0.000	36.616	-0.021	36.649	-0.001	36.688	-0.005	36.734	-0.035
29.473	0.016	29.497	0.062	29.524	0.032	29.547	0.015	36.791	0.020	36.835	-0.031	36.873	-0.036	36.899	-0.019
29.581	-0.065	29.594	-0.087	29.609	-0.045	29.627	0.005	36.954	-0.023	36.989	-0.036	37.021	-0.066	37.046	-0.066
29.641	0.038	29.655	0.004	29.682	-0.115	29.701	-0.077	37.093	-0.024	37.131	-0.058	37.168	0.005	37.209	-0.008
29.719	-0.031	29.732	-0.016	29.782	0.038	29.794	0.062	37.250	0.000	37.285	0.067	37.314	0.092	37.347	0.059
29.825	-0.051	29.835	-0.068	29.864	-0.006	29.879	-0.023	37.380	0.025	37.422	0.063	37.458	-0.005	37.486	-0.051
29.899	-0.100	29.910	-0.113	29.928	-0.038	29.946	0.004	37.527	0.007	37.562	-0.056	37.640	0.078	37.681	0.002
29.960	0.008	29.978	-0.090	29.993	-0.170	30.004	-0.187	37.723	0.057	37.742	0.040	37.780	0.057	37.815	0.053
30.035	-0.083	30.053	0.009	30.078	0.135	30.088	0.211	37.856	0.066	37.894	0.002	37.928	0.015	37.961	0.015
30.094	0.244	30.109	0.197	30.122	0.084	30.138	-0.022	37.992	0.032	38.040	-0.035	38.075	0.007	38.106	0.049
30.151	0.037	30.164	0.151	30.186	0.243	30.215	0.159	38.156	0.015	38.176	-0.002	38.210	0.049	38.263	0.015
30.238	0.159	30.259	0.058	30.279	0.003	30.316	0.109	38.315	0.032	38.348	0.024	38.368	0.012	38.397	0.016
30.360	0.003	30.373	-0.026	30.399	0.008	30.445	-0.098	38.429	0.024	38.462	0.008	38.497	0.021	38.536	-0.009
30.471	-0.051	30.499	-0.051	30.531	0.020	30.575	-0.030	38.579	0.025	38.619	0.008	38.646	0.030	38.670	0.009
30.610	-0.030	30.652	0.092	30.675	-0.009	30.703	-0.085	38.699	0.000	38.740	0.021	38.768	0.042	38.809	0.000
30.729	-0.085	30.760	-0.047	30.785	-0.047	30.806	-0.026	38.854	0.034	38.892	0.017	38.912	-0.004	38.940	0.004
30.852	0.003	30.877	-0.039	30.913	-0.014	30.959	0.016	38.968	0.013	38.998	-0.012	39.025	-0.034	39.045	-0.021
31.149	-0.061	31.190	0.007	31.235	-0.040	31.270	0.091	39.184	0.030	39.212	0.000	39.253	0.000	39.279	-0.030
31.294	0.065	31.324	0.023	31.360	0.077	31.387	0.094	39.312	-0.055	39.341	-0.068	39.366	-0.051	39.407	-0.051
31.404	0.102	31.439	0.052	31.470	0.014	31.482	0.005	39.431	-0.068	39.457	-0.068	39.492	-0.051	39.521	-0.047
31.510	0.047	31.522	-0.030	31.560	-0.046	31.608	0.038	39.569	-0.010	39.569	0.007	39.600	0.015	39.631	-0.002
31.630	0.017	31.650	-0.004	31.680	-0.034	31.707	0.033	39.659	0.015	39.691	0.023	39.717	0.015	39.737	0.006
31.735	0.096	31.768	0.041	31.807	0.016	31.837	0.015	39.770	-0.019	39.806	-0.011	39.847	-0.003	39.886	-0.003
31.870	0.070	31.897	0.019	31.928	-0.032	31.959	-0.049	39.907	-0.012	39.928	-0.012	39.961	0.018	39.999	0.030
32.001	-0.024	32.043	-0.016	32.081	-0.016	32.111	-0.038	40.031	0.026	40.058	0.030	40.079	0.034	40.115	0.008
32.146	-0.021	32.174	0.008	32.200	-0.034	32.240	-0.089	40.150	-0.005	40.179	0.004	40.204	0.008	40.246	0.011
32.273	-0.005	32.291	0.062	32.328	-0.039	32.367	0.062	40.281	0.011	40.312	0.040	40.339	0.078	40.391	0.044
32.399	0.040	32.420	0.053	32.438	0.065	32.473	0.031	40.429	0.077	40.455	0.093	40.488	0.068	40.508	0.047
32.503	0.061	32.546	-0.007	32.564	-0.032	32.582	-0.016	40.544	0.034	40.567	0.008	40.585	-0.009	40.605	-0.009
32.612	-0.054	32.645	-0.083	32.683	-0.109	32.703	-0.109	40.618	-0.022	40.639	-0.048	40.652	-0.060	40.682	-0.044
32.744	-0.021	32.784	-0.008	32.816	0.042	32.844	0.025	40.710	-0.027	40.734	-0.032	40.769	-0.045	40.794	-0.020
32.890	0.033	32.922	0.042	32.950	0.037	32.983	-0.034	40.828	0.017	40.867	0.008	40.900	0.004	40.927	0.003
33.006	-0.068	33.042	-0.043	33.062	-0.009	33.109	-0.001	40.958	-0.006	40.989	-0.041	41.019	-0.032	41.058	-0.016
33.144	0.015	33.169	0.041	33.207	0.125	33.247	0.112	41.086	-0.037	41.106	-0.071	41.132	-0.038	41.171	-0.026
33.300	0.095	33.321	0.074	33.346	0.061	33.371	0.002	41.203	-0.022	41.245	-0.044	41.280	-0.007	41.316	0.005
33.391	-0.053	33.406	-0.074	33.441	-0.058	33.471	-0.096	41.347	0.018	41.375	0.025	41.408	0.042	41.426	0.041
33.499	-0.041	33.534	-0.021	33.564	0.021	33.600	0.038	41.452	0.020	41.492	0.019	41.518	0.019	41.546	0.002
33.646	0.038	33.678	0.037	33.710	-0.018	33.735	-0.009	41.584	0.035	41.645	0.021	41.682	0.058	41.717	0.058
33.771	-0.039	33.803	-0.027	33.844	-0.099	33.882	-0.041	41.755	0.036	41.788	0.019	41.824	0.006	41.845	0.002
33.941	0.026	33.987	0.067	34.026	0.075	34.064	0.037	41.873	0.014	41.898	0.014	41.914	0.001	41.949	0.030
34.105	0.011	34.146	-0.023	34.178	-0.066	34.214	-0.045	41.990	0.047	42.077	0.059	42.077	0.059	42.115	0.071
34.242	-0.016	34.273	-0.037	34.299	0.013	34.335	0.050	42.148	0.045	42.184	0.036	42.213	0.011	42.242	-0.019
34.374	0.079	34.420	0.071	34.459	0.036	34.510	-0.019	42.265	-0.031	42.290	-0.015	42.324	0.006	42.354	0.010
34.560	-0.045	34.586	-0.070	34.638	-0.020	34.686	0.013	42.378	-0.002	42.412	0.027	42.458	0.036	42.509	0.023
34.737	0.037	34.799	0.041	34.846	-0.036	34.882	-0.006	42.561	0.010	42.599	-0.003	42.627	-0.011	42.685	-0.020
34.915	-0.010	34.949	-0.010	34.977	-0.036	35.013	-0.036	42.725	-0.007	42.757	0.014	42.785	0.031	42.829	0.035
35.058	-0.057	35.117	0.014	35.171	0.001	35.215	-0.007	42.868	0.035	42.898	0.017	42.927	0.010	42.949	-0.020
35.246	-0.007	35.296	-0.062	35.337	-0.016	35.390	-0.028	42.968	0.035	43.016	0.003	43.016	-0.003	43.032	-0.011
35.430	0.027	35.473	0.077	35.535	0.094	35.594	0.069	43.051	-0.003	43.079	-0.028	43.112	-0.007	43.145	-0.016
35.638	0.035	35.669	-0.016	35.709	0.005	35.763	-0.054	43.182	-0.016	43.231	-0.016	43.271	0.010	43.339	0.014
35.807	-0.054	35.838	0.005	35.867	-0.025	35.900	-0.008	43.375	-0.011	43.446	0.014	43.500	-0.028	43.548	-0.020

43.580	-0.007	43.614	-0.037	43.636	-0.045	43.681	-0.037	50.569	-0.015	50.597	0.002	50.623	-0.003	50.648	0.013
43.720	-0.020	43.758	-0.008	43.783	0.000	43.831	-0.038	50.568	0.009	50.691	0.013	50.723	0.025	50.746	0.013
43.866	-0.018	43.894	-0.031	43.928	-0.052	43.960	-0.070	50.774	0.004	50.806	-0.000	50.837	-0.005	50.860	-0.013
44.009	-0.053	44.043	-0.041	44.081	-0.021	44.114	-0.021	50.898	-0.030	50.931	-0.034	50.965	-0.038	50.995	-0.001
44.157	-0.005	44.193	-0.005	44.224	0.021	44.262	0.027	51.031	-0.022	51.062	-0.022	51.103	-0.013	51.138	-0.014
44.292	0.022	44.327	0.038	44.367	0.008	44.400	0.007	51.167	-0.026	51.203	-0.014	51.230	-0.001	51.264	0.007
44.447	0.031	44.495	0.013	44.532	0.008	44.576	0.020	51.300	0.020	51.331	0.007	51.366	0.011	51.392	0.015
44.611	0.019	44.653	0.006	44.702	0.018	44.732	0.018	51.420	0.023	51.438	0.023	51.459	0.019	51.471	0.010
44.759	0.018	44.802	0.022	44.830	0.018	44.860	0.022	51.492	0.010	51.515	0.010	51.530	0.006	51.550	0.007
44.885	0.017	44.905	0.017	44.941	0.013	44.974	0.008	51.571	0.014	51.601	0.010	51.624	0.006	51.648	-0.007
45.016	0.021	45.041	0.034	45.077	0.034	45.122	0.029	51.668	-0.016	51.693	-0.004	51.717	-0.013	51.744	-0.005
45.146	0.063	45.181	0.046	45.202	0.046	45.235	0.042	51.762	-0.005	51.785	0.027	51.811	0.007	51.839	0.011
45.273	0.026	45.306	0.018	45.350	-0.024	45.386	-0.032	51.867	0.019	51.892	0.027	51.910	0.039	51.941	0.034
45.411	-0.032	45.434	-0.040	45.460	-0.040	45.482	-0.040	51.969	0.042	52.004	0.054	52.025	0.041	52.043	0.050
45.497	-0.060	45.530	-0.022	45.562	-0.001	45.597	0.011	52.071	0.024	52.109	0.011	52.141	-0.015	52.174	-0.028
45.622	0.020	45.648	0.028	45.679	0.032	45.712	0.032	52.198	-0.050	52.223	-0.042	52.236	-0.029	52.261	-0.021
45.734	0.032	45.782	0.028	45.813	-0.001	45.846	-0.001	52.286	-0.013	52.327	-0.018	52.346	-0.014	52.372	0.016
45.882	0.011	45.917	0.028	45.956	0.028	46.008	0.036	52.389	0.049	52.418	0.036	52.440	0.019	52.466	0.014
46.042	0.045	46.069	0.028	46.113	0.027	46.140	0.027	52.496	0.018	52.514	0.014	52.536	0.001	52.559	-0.004
46.176	0.005	46.203	-0.017	46.234	-0.017	46.257	-0.018	52.581	-0.025	52.599	-0.042	52.624	-0.051	52.651	-0.034
46.284	0.007	46.305	-0.023	46.329	-0.027	46.357	-0.011	52.691	-0.018	52.716	-0.035	52.752	-0.035	52.794	-0.002
46.483	0.012	46.503	0.012	46.533	-0.006	46.554	-0.023	52.826	-0.006	52.852	0.002	52.879	0.002	52.897	0.002
46.577	-0.002	46.602	0.006	46.623	0.006	46.640	-0.003	52.924	0.001	52.951	0.005	52.967	0.005	52.992	-0.016
46.671	-0.004	46.687	0.004	46.710	-0.013	46.725	-0.013	53.019	0.009	53.051	0.004	53.082	-0.013	53.101	-0.013
46.753	0.003	46.782	0.003	46.838	0.006	46.877	0.018	53.119	-0.013	53.146	0.020	53.166	0.008	53.191	0.007
46.823	0.030	46.859	-0.005	46.889	0.007	47.017	0.003	53.214	0.007	53.276	0.007	53.276	0.007	53.306	0.006
47.041	-0.006	47.097	-0.020	47.149	0.000	47.205	0.033	53.337	-0.032	53.371	-0.024	53.401	-0.011	53.426	-0.020
47.244	0.012	47.290	0.024	47.311	0.032	47.344	0.015	53.436	-0.012	53.486	-0.020	53.514	-0.008	53.534	0.009
47.378	0.002	47.408	0.015	47.439	-0.019	47.453	-0.020	53.564	0.029	53.579	0.029	53.606	0.050	53.619	0.079
47.484	0.001	47.525	0.013	47.558	0.000	47.591	0.000	53.646	0.050	53.664	0.024	53.692	0.041	53.717	0.066
47.623	0.025	47.664	0.003	47.700	0.033	47.744	0.028	53.757	-0.062	53.756	0.026	53.998	-0.012	54.039	0.038
47.779	0.011	47.810	0.011	47.839	0.023	47.862	0.023	54.084	0.071	54.142	-0.018	54.177	0.016	54.212	0.020
47.891	0.006	47.901	-0.007	47.940	0.026	47.967	0.039	54.240	0.019	54.261	0.002	54.291	0.002	54.309	0.006
48.002	0.009	48.035	0.009	48.065	0.025	48.107	0.025	54.331	0.014	54.371	0.044	54.397	0.043	54.419	0.043
48.137	-0.001	48.160	-0.018	48.197	0.003	48.230	0.011	54.440	0.043	54.465	0.030	54.483	0.030	54.503	0.030
48.256	0.002	48.289	0.002	48.317	0.022	48.359	0.039	54.533	0.038	54.554	0.040	54.569	0.021	54.589	0.012
48.386	-0.013	48.430	0.013	48.459	-0.005	48.507	-0.001	54.601	-0.005	54.622	-0.006	54.649	0.037	54.672	-0.001
48.536	-0.018	48.574	-0.031	48.615	-0.032	48.640	-0.011	54.692	-0.026	54.718	-0.006	54.738	-0.006	54.799	0.040
48.678	-0.012	48.715	-0.016	48.730	-0.016	48.743	-0.017	54.825	-0.002	54.870	0.018	54.899	-0.011	54.937	0.009
48.749	-0.017	48.768	-0.017	48.786	-0.004	48.816	-0.000	54.975	0.013	54.998	0.013	55.018	0.029	55.122	0.016
48.840	0.003	48.875	0.003	48.900	-0.010	48.940	0.002	55.055	-0.008	55.081	0.004	55.101	0.029	55.122	0.016
48.986	0.002	48.919	0.014	49.044	0.014	49.074	0.014	55.150	0.003	55.176	0.024	55.212	0.020	55.247	0.019
49.104	0.018	49.135	0.013	49.171	0.005	49.210	0.005	55.272	0.011	55.298	0.011	55.319	-0.002	55.341	-0.019
49.240	0.004	49.263	-0.008	49.302	-0.008	49.328	-0.008	55.364	-0.028	55.400	-0.032	55.423	-0.024	55.449	-0.041
49.343	-0.016	49.368	-0.021	49.389	-0.025	49.417	-0.025	55.462	-0.058	55.482	-0.062	55.490	-0.075	55.510	-0.075
49.435	-0.008	49.455	0.005	49.488	0.009	49.516	0.021	55.548	-0.008	55.574	-0.013	55.603	-0.017	55.626	-0.001
49.540	0.021	49.578	0.030	49.596	0.013	49.619	0.005	55.646	0.029	55.669	0.045	55.696	0.024	55.721	0.024
49.643	0.013	49.671	0.026	49.687	0.013	49.716	0.000	55.746	0.007	55.773	0.011	55.798	0.011	55.819	-0.006
49.747	-0.013	49.775	0.004	49.802	0.012	49.833	0.016	55.833	-0.028	55.858	-0.024	55.884	-0.011	55.907	-0.011
49.870	0.016	49.903	0.041	49.929	0.049	49.970	0.027	55.924	-0.037	55.953	-0.037	55.976	-0.016	56.002	0.005
50.000	0.040	50.030	0.044	50.056	0.022	50.078	0.001	56.036	0.009	56.072	0.012	56.120	0.020	56.149	0.033
50.106	0.009	50.134	0.001	50.160	-0.008	50.198	-0.013	56.175	0.041	56.205	0.020	56.231	0.003	56.260	0.003
50.227	-0.026	50.263	-0.018	50.284	-0.010	50.316	-0.010	56.303	0.020	56.331	0.011	56.341	0.007	56.360	-0.002
50.352	-0.011	50.376	-0.011	50.401	-0.029	50.420	-0.037	56.383	-0.006	56.408	-0.002	56.439	0.027	56.463	0.015
50.446	-0.025	50.468	-0.030	50.492	-0.022	50.530	-0.027	56.481	0.019	56.503	0.023	56.524	0.027	56.542	0.027

IE073
71.049 2/9/71 0600PST 4680 WILSHIRE, 3RD FLOOR L.A. N75W

3050 POINTS 60.473 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2469 G/10.

56.558	0.027	56.583	0.027	56.609	0.014	56.641	0.014
56.656	0.010	56.684	-0.003	56.713	-0.003	56.728	-0.003
56.753	-0.003	56.780	-0.004	56.813	0.001	56.849	0.000
56.874	0.017	56.894	0.013	56.908	0.009	56.933	0.000
56.958	0.017	56.979	0.017	56.999	0.012	57.011	0.008
57.037	-0.000	57.065	-0.009	57.098	-0.005	57.116	-0.001
57.136	-0.001	57.171	0.003	57.189	0.003	57.219	0.015
57.235	0.004	57.265	0.023	57.296	0.023	57.331	0.023
57.347	0.014	57.376	0.014	57.390	0.009	57.402	-0.003
57.422	-0.001	57.448	0.009	57.463	0.000	57.501	-0.009
57.532	-0.009	57.565	-0.009	57.598	-0.010	57.613	-0.014
57.639	-0.027	57.662	-0.015	57.680	-0.011	57.707	-0.012
57.731	-0.008	57.753	-0.008	57.776	-0.000	57.797	0.003
57.828	0.003	57.850	-0.019	57.876	0.002	57.894	0.005
57.910	0.005	57.932	0.004	57.968	0.008	57.984	-0.005
58.001	0.011	58.027	0.032	58.065	0.039	58.088	0.039
58.127	0.038	58.152	0.016	58.183	0.020	58.218	0.006
58.243	-0.003	58.276	-0.004	58.297	-0.013	58.328	-0.023
58.356	-0.032	58.411	-0.012	58.469	0.003	58.493	0.006
58.543	0.013	58.572	0.004	58.595	0.004	58.627	0.016
58.665	0.019	58.690	0.010	58.710	0.010	58.740	0.001
58.768	0.017	58.799	0.029	58.814	0.017	58.852	0.020
58.889	0.036	58.920	0.019	58.958	0.014	58.993	0.013
59.023	0.013	59.040	-0.004	59.066	-0.017	59.084	-0.022
59.118	-0.001	59.143	0.011	59.169	-0.002	59.194	-0.006
59.234	0.023	59.261	0.035	59.286	0.014	59.311	-0.012
59.344	0.005	59.369	0.009	59.404	0.004	59.424	-0.000
59.442	-0.038	59.455	-0.060	59.484	-0.026	59.499	0.012
59.519	0.003	59.544	-0.010	59.570	-0.006	59.592	-0.027
59.609	-0.011	59.639	0.010	59.680	-0.020	59.704	-0.020
59.724	-0.012	59.747	0.001	59.773	-0.016	59.803	-0.050
59.829	-0.029	59.845	-0.013	59.867	-0.021	59.900	-0.022
59.920	-0.034	59.957	-0.026	59.984	-0.022	60.011	-0.014
60.041	-0.031	60.062	-0.023	60.084	-0.023	60.116	-0.023
60.146	-0.023	60.180	-0.023	60.201	-0.028	60.214	-0.036
60.233	-0.036	60.247	-0.024	60.271	-0.003	60.299	0.002
60.319	-0.003	60.330	-0.007	60.350	-0.007	60.372	-0.007
60.391	-0.007	60.407	0.001				

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.672	0.010	0.596	0.018	0.542	0.023	0.445
0.033	0.327	0.039	0.251	0.048	0.175	0.061	0.158
0.069	0.204	0.082	0.103	0.089	0.048	0.094	-0.019
0.099	-0.074	0.105	-0.141	0.112	-0.234	0.120	-0.310
0.126	-0.402	0.131	-0.461	0.139	-0.563	0.146	-0.638
0.151	-0.651	0.159	-0.554	0.167	-0.382	0.172	-0.272
0.178	-0.222	0.187	-0.121	0.193	-0.054	0.203	-0.037
0.216	-0.172	0.222	-0.256	0.226	-0.323	0.230	-0.466
0.235	-0.656	0.245	-0.875	0.250	-0.963	0.258	-1.077
0.265	-1.170	0.270	-1.208	0.276	-1.073	0.281	-0.913
0.284	-0.875	0.289	-0.703	0.294	-0.602	0.297	-0.425
0.307	-0.240	0.315	-0.151	0.322	-0.071	0.335	0.004
0.340	-0.114	0.346	-0.307	0.353	-0.392	0.356	-0.552
0.359	-0.716	0.361	-0.800	0.367	-0.927	0.372	-1.066
0.375	-1.150	0.380	-1.125	0.384	-0.939	0.388	-0.771
0.392	-0.518	0.395	-0.333	0.400	-0.030	0.406	0.244
0.416	0.408	0.421	0.500	0.428	0.542	0.434	0.307
0.444	0.113	0.447	-0.022	0.452	-0.266	0.455	-0.435
0.459	-0.679	0.463	-0.805	0.472	-0.835	0.476	-0.675
0.483	-0.473	0.485	-0.355	0.489	-0.153	0.493	0.268
0.498	0.369	0.503	0.580	0.509	0.815	0.516	0.900
0.519	0.895	0.527	0.777	0.535	0.643	0.543	0.537
0.550	0.592	0.556	0.642	0.561	0.705	0.568	0.777
0.576	0.827	0.577	0.844	0.582	0.718	0.594	0.499
0.597	0.368	0.602	0.255	0.608	0.158	0.615	0.137
0.621	0.271	0.628	0.402	0.633	0.520	0.634	0.633
0.641	0.827	0.645	0.877	0.654	0.978	0.660	1.100
0.665	1.105	0.671	0.991	0.679	0.919	0.686	0.856
0.692	0.843	0.707	0.927	0.713	0.831	0.721	0.721
0.725	0.561	0.731	0.439	0.738	0.249	0.742	0.148
0.749	-0.037	0.755	-0.201	0.763	-0.366	0.771	-0.450
0.778	-0.463	0.784	-0.357	0.792	-0.286	0.804	-0.206
0.810	-0.168	0.825	-0.177	0.834	-0.198	0.834	-0.122
0.846	-0.063	0.852	0.013	0.859	0.042	0.860	0.050
0.868	-0.106	0.875	-0.194	0.880	-0.274	0.886	-0.325
0.897	-0.417	0.901	-0.531	0.906	-0.607	0.910	-0.687
0.917	-0.725	0.925	-0.742	0.933	-0.628	0.938	-0.548
0.941	-0.414	0.946	-0.329	0.952	-0.241	0.962	-0.182
0.969	-0.153	0.972	-0.157	0.982	-0.245	0.985	-0.309
0.991	-0.418	0.998	-0.532	1.001	-0.587	1.007	-0.641

1.014	-0.557	1.020	-0.443	1.022	-0.334	1.028	-0.220	2.282	-0.438	2.293	-0.337	2.301	-0.278	2.316	-0.227
1.030	-0.111	1.033	0.066	1.040	0.323	1.043	0.576	2.322	-0.185	2.329	-0.109	2.337	-0.038	2.342	0.013
1.049	0.681	1.056	0.702	1.062	0.626	1.069	0.525	2.353	0.085	2.361	0.102	2.371	-0.046	2.378	-0.109
1.075	0.424	1.085	0.285	1.093	0.201	1.096	0.155	2.381	-0.151	2.387	-0.210	2.397	-0.231	2.404	-0.038
1.101	0.151	1.111	0.239	1.117	0.311	1.125	0.357	2.410	0.009	2.413	0.161	2.420	0.414	2.425	0.464
1.132	0.403	1.143	0.302	1.146	0.260	1.153	0.210	2.431	0.666	2.436	0.746	2.444	0.877	2.452	0.852
1.158	0.223	1.166	0.328	1.166	0.378	1.169	0.488	2.457	0.675	2.462	0.477	2.469	0.296	2.472	0.254
1.174	0.686	1.177	0.749	1.182	0.37	1.190	0.951	2.475	0.077	2.478	-0.091	2.485	-0.239	2.488	-0.239
1.195	0.934	1.201	0.791	1.204	0.699	1.209	0.496	2.495	-0.277	2.504	-0.121	2.511	-0.016	2.514	0.153
1.214	0.278	1.216	0.139	1.220	0.008	1.225	-0.110	2.516	0.271	2.522	0.380	2.529	0.460	2.537	0.565
1.233	-0.194	1.240	0.050	1.243	0.269	1.248	0.345	2.543	0.444	2.553	0.343	2.558	0.279	2.561	0.220
1.253	0.442	1.259	0.551	1.264	0.606	1.267	0.598	2.569	0.178	2.581	0.229	2.594	0.128	2.600	0.044
1.272	0.467	1.275	0.341	1.278	0.265	1.285	0.177	2.605	-0.049	2.613	-0.146	2.622	-0.192	2.633	-0.040
1.287	-0.059	1.291	-0.173	1.295	-0.370	1.299	-0.463	2.635	0.073	2.640	0.124	2.648	0.225	2.658	0.322
1.306	-0.577	1.314	-0.619	1.324	-0.526	1.330	-0.404	2.666	0.360	2.672	0.398	2.679	0.415	2.685	0.330
1.333	-0.349	1.338	-0.244	1.346	-0.084	1.354	-0.008	2.692	0.246	2.697	-0.107	2.702	-0.204	2.708	-0.389
1.364	-0.829	1.380	-0.016	1.390	-0.004	1.396	-0.088	2.717	-0.663	2.723	-0.810	2.731	-0.798	2.741	-0.688
1.403	-0.307	1.408	-0.488	1.411	-0.585	1.416	-0.913	2.758	-0.512	2.769	-0.537	2.777	-0.478	2.787	-0.427
1.419	-1.111	1.424	-1.347	1.435	-1.372	1.440	-1.220	2.799	-0.364	2.808	-0.343	2.823	-0.385	2.838	-0.410
1.446	-0.837	1.453	-0.618	1.461	-0.462	1.469	-0.336	2.841	-0.401	2.856	-0.347	2.864	-0.309	2.869	-0.363
1.472	-0.336	1.480	-0.534	1.485	-0.643	1.488	-0.761	2.871	-0.481	2.882	-0.545	2.882	-0.625	2.890	-0.713
1.498	-0.904	1.503	-0.917	1.508	-0.664	1.514	-0.521	2.894	-0.709	2.900	-0.578	2.905	-0.528	2.917	-0.456
1.519	-0.369	1.524	-0.171	1.530	-0.116	1.533	0.010	2.923	-0.387	2.930	-0.726	2.935	-0.923	2.940	-0.966
1.538	0.103	1.543	0.145	1.551	0.061	1.556	-0.007	2.948	-1.117	2.961	-1.142	2.976	-1.041	2.990	-0.978
1.562	-0.066	1.566	-0.146	1.572	-0.213	1.577	-0.268	2.999	-0.881	3.005	-0.692	3.010	-0.528	3.018	-0.418
1.580	-0.293	1.591	-0.187	1.596	-0.145	1.603	-0.120	3.020	-0.292	3.022	-0.216	3.031	-0.006	3.044	0.142
1.608	-0.091	1.611	-0.192	1.616	-0.330	1.620	-0.448	3.048	0.197	3.054	0.171	3.058	0.108	3.066	-0.027
1.630	-0.587	1.635	-0.617	1.640	-0.629	1.646	-0.478	3.072	-0.145	3.079	-0.220	3.084	-0.309	3.087	-0.338
1.648	-0.242	1.654	0.007	1.661	0.302	1.662	0.356	3.099	-0.372	3.105	-0.225	3.113	-0.022	3.118	0.104
1.666	0.571	1.674	0.626	1.679	0.596	1.683	0.445	3.123	0.197	3.127	0.319	3.133	0.382	3.143	0.529
1.688	0.314	1.691	0.184	1.695	0.037	1.700	-0.111	3.150	0.601	3.155	0.660	3.161	0.664	3.169	0.550
1.704	-0.266	1.708	-0.254	1.712	-0.136	1.717	0.007	3.171	0.453	3.176	0.424	3.179	0.239	3.187	0.163
1.721	0.108	1.725	0.290	1.729	0.517	1.732	0.584	3.192	0.154	3.202	0.424	3.204	0.597	3.209	0.693
1.735	0.694	1.738	0.812	1.745	0.904	1.750	0.926	3.212	0.837	3.217	1.072	3.222	1.148	3.225	1.274
1.758	0.804	1.762	0.724	1.767	0.644	1.779	0.543	3.232	1.413	3.242	1.443	3.243	1.333	3.248	1.140
1.788	0.484	1.795	0.560	1.803	0.602	1.809	0.598	3.257	0.988	3.262	0.866	3.268	0.752	3.275	0.613
1.817	0.514	1.824	0.446	1.829	0.379	1.833	0.295	3.278	0.534	3.288	0.811	3.298	1.013	3.309	1.173
1.840	0.291	1.846	0.362	1.853	0.442	1.856	0.564	3.316	1.312	3.327	1.493	3.334	1.489	3.336	1.342
1.863	0.949	1.867	0.729	1.875	0.792	1.879	0.813	3.342	1.031	3.347	0.895	3.350	0.710	3.357	0.479
1.885	0.838	1.892	0.763	1.896	0.700	1.900	0.573	3.362	0.306	3.369	0.108	3.375	-0.035	3.383	0.095
1.906	0.455	1.911	0.287	1.919	0.173	1.921	0.182	3.392	0.222	3.401	0.310	3.413	0.125	3.416	0.049
1.930	0.300	1.932	0.342	1.934	0.409	1.942	0.477	3.421	-0.039	3.428	-0.136	3.433	-0.204	3.441	-0.271
1.946	0.502	1.950	0.426	1.958	0.325	1.963	0.262	3.451	-0.170	3.459	-0.065	3.462	-0.006	3.467	0.036
1.971	0.250	1.976	0.385	1.982	0.494	1.985	0.578	3.474	0.052	3.480	-0.039	3.492	-0.166	3.499	-0.221
1.992	0.675	1.998	0.730	2.001	0.717	2.005	0.637	3.508	-0.288	3.520	-0.410	3.525	-0.482	3.530	-0.616
2.013	0.520	2.019	0.431	2.027	0.318	2.034	0.208	3.533	-0.717	3.535	-0.747	3.541	-0.852	3.551	-0.911
2.040	0.040	2.042	-0.061	2.047	-0.263	2.051	-0.470	3.559	-0.899	3.573	-0.806	3.581	-0.730	3.591	-0.612
2.059	-0.621	2.069	-0.672	2.080	-0.507	2.085	-0.427	3.599	-0.511	3.606	-0.414	3.607	-0.360	3.617	-0.318
2.095	-0.313	2.101	-0.204	2.108	-0.103	2.113	-0.002	3.627	-0.398	3.635	-0.469	3.644	-0.520	3.652	-0.520
2.119	0.011	2.124	-0.010	2.132	0.003	2.140	0.087	3.665	-0.410	3.667	-0.314	3.673	-0.145	3.678	-0.027
2.147	0.176	2.153	0.260	2.158	0.344	2.165	0.399	3.685	0.065	3.691	0.196	3.696	0.314	3.706	0.448
2.168	0.407	2.171	0.323	2.178	0.092	2.181	0.020	3.716	0.545	3.724	0.630	3.731	0.760	3.738	0.857
2.184	-0.161	2.189	-0.342	2.194	-0.371	2.199	-0.430	3.746	0.663	3.752	0.415	3.756	0.288	3.762	0.128
2.205	-0.283	2.212	-0.127	2.222	-0.047	2.228	0.020	3.769	-0.006	3.776	-0.040	3.785	0.103	3.795	0.217
2.235	-0.092	2.238	0.075	2.243	-0.076	2.249	-0.219	3.800	-0.305	3.815	0.292	3.815	0.238	3.823	0.154
2.254	-0.333	2.262	-0.480	2.267	-0.548	2.272	-0.573	3.833	0.107	3.843	0.052	3.856	0.183	3.865	0.292

3.876	0.427	3.889	0.541	3.901	0.642	3.911	0.764	5.408	0.119	5.416	0.241	5.423	0.325	5.429	0.388
3.916	0.743	3.922	0.608	3.927	0.435	3.937	0.330	5.437	0.540	5.441	0.742	5.441	0.893	5.452	0.978
3.944	0.157	3.950	-0.045	3.957	-0.175	3.965	-0.272	5.459	1.093	5.462	1.175	5.467	1.272	5.477	1.323
3.974	-0.394	3.983	-0.365	4.000	-0.314	4.008	-0.365	5.480	1.260	5.488	1.133	5.495	0.927	5.508	0.851
4.020	-0.420	4.026	-0.411	4.036	-0.289	4.046	-0.129	5.513	0.897	5.524	0.935	5.533	0.961	5.544	0.994
4.053	-0.007	4.059	0.170	4.078	0.313	4.081	0.448	5.549	0.977	5.557	0.927	5.562	0.876	5.567	0.813
4.069	0.608	4.074	0.713	4.089	0.700	4.091	0.592	5.572	0.729	5.578	0.640	5.582	0.556	5.583	0.514
4.086	0.397	4.089	0.241	4.096	0.069	4.099	-0.117	5.593	0.480	5.601	0.619	5.615	0.506	5.623	0.463
4.101	-0.407	4.104	-0.735	4.107	-1.157	4.111	-1.363	5.626	0.392	5.634	0.303	5.639	0.245	5.646	0.181
4.114	-1.582	4.119	-1.674	4.122	-1.801	4.127	-1.868	5.658	0.114	5.666	-0.172	5.671	-0.029	5.677	-0.080
4.134	-1.620	4.139	-1.371	4.145	-1.253	4.152	-0.963	5.686	-0.135	5.696	-0.172	5.709	-0.223	5.710	-0.244
4.153	-0.695	4.158	-0.479	4.165	-0.378	4.167	-0.159	5.724	-0.282	5.733	-0.223	5.742	-0.194	5.745	-0.173
4.171	0.048	4.178	0.304	4.181	0.549	4.188	0.734	5.753	-0.269	5.763	-0.413	5.771	-0.488	5.776	-0.526
4.198	0.751	4.204	0.540	4.211	0.309	4.214	0.157	5.781	-0.589	5.783	-0.678	5.790	-0.813	5.798	-0.952
4.216	0.005	4.218	-0.062	4.224	-0.281	4.226	-0.403	5.806	-1.040	5.808	-1.171	5.816	-1.225	5.818	-1.251
4.231	-0.475	4.237	-0.500	4.246	-0.332	4.252	-0.209	5.828	-1.263	5.832	-1.192	5.841	-1.099	5.849	-1.091
4.257	-0.083	4.265	0.035	4.279	0.136	4.288	0.195	5.854	-0.926	5.864	-1.044	5.869	-1.086	5.875	-1.091
4.300	0.308	4.308	0.409	4.313	0.515	4.318	0.574	5.884	-0.994	5.890	-0.938	5.892	-0.674	5.898	-0.594
4.325	0.670	4.331	0.759	4.338	0.839	4.346	0.910	5.903	-0.484	5.913	-0.413	5.920	-0.425	5.925	-0.476
4.353	0.931	4.359	0.835	4.364	0.742	4.369	0.658	5.933	-0.564	5.943	-0.548	5.948	-0.463	5.955	-0.341
4.374	0.498	4.379	0.333	4.384	0.093	4.389	-0.054	5.960	-0.240	5.968	-0.118	5.973	-0.072	5.976	0.004
4.392	-0.172	4.402	-0.163	4.409	0.009	4.415	0.072	5.981	0.067	5.989	0.139	5.996	0.177	5.999	0.160
4.422	0.190	4.430	0.317	4.435	0.464	4.445	0.602	6.002	0.131	6.007	0.080	6.016	0.068	6.026	0.114
4.447	0.632	4.456	0.797	4.463	0.902	4.475	0.931	6.035	0.236	6.040	0.299	6.047	0.430	6.049	0.539
4.478	0.721	4.483	0.641	4.489	0.325	4.496	0.152	6.054	0.666	6.059	0.750	6.064	0.813	6.068	0.885
4.503	-0.033	4.508	-0.214	4.517	-0.336	4.526	-0.441	6.078	1.020	6.088	0.898	6.095	0.763	6.098	0.708
4.529	-0.420	4.536	-0.239	4.541	-0.163	4.547	-0.033	6.105	0.616	6.106	0.422	6.118	0.422	6.128	0.469
4.555	0.009	4.560	-0.012	4.564	-0.083	4.569	-0.323	6.147	0.549	6.164	0.494	6.172	0.440	6.193	0.402
4.570	-0.021	4.575	-0.706	4.582	-0.900	4.588	-1.009	6.212	0.453	6.221	0.508	6.231	0.579	6.244	0.483
4.595	-1.035	4.605	-0.849	4.611	-0.689	4.615	-0.517	6.253	0.394	6.264	0.298	6.267	0.205	6.269	0.112
4.621	-0.441	4.629	-0.357	4.634	-0.353	4.639	-0.454	6.276	0.007	6.277	-0.111	6.282	-0.271	6.287	-0.355
4.642	-0.563	4.646	-0.639	4.654	-0.820	4.662	-0.858	6.289	-0.443	6.299	-0.531	6.304	-0.599	6.317	-0.679
4.670	-0.845	4.674	-0.853	4.687	-0.917	4.692	-0.950	6.325	-0.746	6.338	-0.813	6.355	-0.885	6.364	-0.897
4.700	-0.950	4.708	-0.837	4.718	-0.668	4.724	-0.479	6.374	-0.834	6.389	-0.728	6.399	-0.640	6.407	-0.556
4.729	-0.323	4.734	-0.197	4.739	-0.083	4.744	0.056	6.415	-0.467	6.427	-0.374	6.440	-0.463	6.442	-0.559
4.752	-0.011	4.759	-0.095	4.764	-0.159	4.770	-0.234	6.448	-0.644	6.455	-0.749	6.456	-0.837	6.463	-0.938
4.778	0.310	4.793	-0.213	4.805	0.027	4.811	0.174	6.465	-1.018	6.468	-1.136	6.479	-1.191	6.493	-1.085
4.818	0.385	4.821	0.667	4.831	0.751	4.837	0.734	6.501	-0.963	6.511	-0.794	6.516	-0.634	6.525	-0.424
4.844	0.587	4.852	0.469	4.859	0.372	4.865	0.288	6.535	-0.205	6.540	-0.091	6.547	0.044	6.555	0.162
4.872	0.305	4.877	0.410	4.883	0.629	4.888	0.797	6.568	0.276	6.578	0.381	6.588	0.478	6.603	0.520
4.890	0.962	4.893	1.105	4.898	1.206	4.908	1.341	6.635	0.361	6.647	0.260	6.660	0.167	6.665	0.058
4.916	1.433	4.919	1.374	4.926	1.252	4.934	1.118	6.666	-0.005	6.681	-0.106	6.691	-0.018	6.696	0.054
4.942	0.962	4.955	0.848	4.959	0.797	4.968	0.840	6.702	0.325	6.702	0.325	6.704	0.328	6.707	0.441
4.975	0.856	4.981	0.772	4.996	0.936	5.006	1.004	6.715	0.538	6.715	0.673	6.722	0.854	6.725	1.027
5.008	0.957	5.013	0.856	5.021	0.700	5.029	0.343	6.730	1.103	6.743	1.259	6.754	1.162	6.762	1.057
5.036	0.103	5.044	-0.310	5.058	-0.415	5.073	-0.415	6.767	0.943	6.775	0.724	6.785	0.543	6.790	0.400
5.085	-0.458	5.093	-0.567	5.106	-0.664	5.111	-0.744	6.797	0.304	6.806	0.186	6.815	0.076	6.828	0.018
5.114	-0.837	5.124	-0.942	5.132	-1.009	5.139	-1.064	6.842	-0.029	6.860	0.043	6.875	0.123	6.890	0.203
5.144	-0.051	5.155	-0.938	5.165	-0.883	5.172	-0.811	6.906	0.153	6.919	0.107	6.938	0.107	6.947	0.010
5.180	-0.765	5.186	-0.752	5.191	-0.790	5.199	-0.883	6.951	-0.049	6.960	-0.221	6.969	-0.369	6.971	-0.508
5.209	-0.980	5.216	-1.056	5.218	-1.115	5.222	-1.241	6.973	-0.605	6.978	-0.706	6.984	-0.819	6.997	-0.861
5.229	-1.355	5.242	-1.536	5.250	-1.494	5.259	-1.418	7.010	-0.903	7.022	-0.975	7.040	-1.042	7.051	-1.072
5.268	-0.791	5.270	-1.195	5.272	-1.064	5.277	-0.900	7.062	-0.925	7.070	-0.786	7.074	-0.630	7.080	-0.491
5.282	-0.791	5.288	-0.635	5.301	-0.647	5.311	-0.656	7.082	-0.369	7.088	-0.263	7.097	-0.175	7.110	-0.268
5.323	-0.605	5.342	-0.513	5.357	-0.395	5.364	-0.290	7.118	-0.356	7.122	-0.453	7.134	-0.541	7.147	-0.634
5.373	-0.227	5.383	-0.130	5.388	-0.071	5.398	0.026	7.167	-0.495	7.180	-0.369	7.193	-0.217	7.200	-0.061

7.201	0.082	7.213	0.208	7.218	0.360	7.226	0.452	10.722	-0.268	10.745	-0.264	10.783	-0.188	10.828	-0.126
7.244	0.341	7.258	0.629	7.267	0.701	7.278	0.806	10.872	-0.096	10.903	-0.172	10.928	-0.269	10.958	-0.206
7.285	0.890	7.303	1.008	7.316	0.911	7.322	0.852	10.992	-0.194	11.013	-0.164	11.040	-0.110	11.055	-0.067
7.327	0.785	7.335	0.726	7.347	0.654	7.358	0.655	11.083	-0.156	11.104	-0.202	11.120	-0.176	11.142	-0.134
7.376	0.726	7.389	0.844	7.396	0.966	7.404	1.092	11.165	-0.062	11.191	-0.088	11.224	-0.003	11.264	-0.062
7.407	1.185	7.409	1.273	7.420	1.349	7.435	1.269	11.284	-0.100	11.310	-0.007	11.325	0.107	11.365	0.174
7.442	1.147	7.448	1.012	7.461	0.671	7.469	0.477	11.383	0.238	11.401	0.322	11.421	0.398	11.439	0.343
7.481	0.338	7.492	0.195	7.502	0.081	7.514	0.035	11.464	0.268	11.493	0.365	11.508	0.453	11.525	0.495
7.541	0.056	7.554	0.085	7.568	0.161	7.582	0.237	11.553	0.217	11.573	0.475	11.587	0.399	11.614	0.336
7.599	0.115	7.617	-0.037	7.627	-0.172	7.638	-0.269	11.630	0.277	11.650	0.231	11.680	0.240	11.700	0.265
7.651	-0.344	7.663	-0.416	7.676	-0.509	7.706	-0.635	11.733	0.278	11.754	0.181	11.773	0.076	11.812	-0.012
7.724	-0.450	7.737	-0.286	7.745	-0.134	7.752	-0.029	11.850	-0.028	11.870	-0.011	11.892	-0.018	11.913	0.018
7.762	0.068	7.778	0.127	7.808	0.194	7.828	0.131	11.943	-0.002	11.966	0.049	11.984	-0.128	12.002	-0.179
7.857	0.063	7.882	0.219	7.890	0.333	7.907	0.484	12.025	-0.082	12.045	-0.002	12.075	0.104	12.108	0.188
7.913	0.631	7.923	0.753	7.928	0.892	7.938	1.019	12.131	0.272	12.149	0.356	12.163	0.377	12.187	0.352
7.945	1.111	7.953	1.162	7.973	1.031	7.982	0.901	12.199	0.348	12.224	0.377	12.248	0.377	12.263	0.432
7.989	0.762	7.994	0.673	8.002	0.555	8.019	0.429	12.271	0.495	12.280	0.550	12.290	0.613	12.314	0.693
8.038	0.475	8.052	0.313	8.063	0.429	8.093	0.341	12.346	0.348	12.354	0.474	12.361	0.394	12.375	0.343
8.116	0.370	8.134	0.391	8.160	0.282	8.182	0.164	12.392	0.305	12.427	0.343	12.453	0.381	12.491	0.385
8.198	-0.017	8.205	-0.135	8.211	-0.253	8.225	-0.354	12.519	0.263	12.537	0.141	12.554	0.094	12.577	0.103
8.238	-0.370	8.258	-0.358	8.269	-0.265	8.276	-0.185	12.600	0.090	12.638	0.123	12.651	0.153	12.682	0.102
8.289	-0.059	8.312	-0.151	8.323	-0.189	8.335	-0.210	12.711	0.153	12.728	0.110	12.751	0.056	12.777	0.102
8.348	-0.265	8.356	-0.324	8.376	-0.374	8.407	-0.362	12.806	0.156	12.828	0.219	12.856	0.282	12.880	0.282
8.426	-0.098	8.435	-0.260	8.442	-0.176	8.452	-0.058	12.911	0.274	12.928	0.232	12.939	0.198	12.956	0.156
8.460	0.064	8.468	0.161	8.477	0.262	8.485	0.326	12.970	0.156	12.993	0.240	13.005	0.290	13.021	0.336
8.500	0.359	8.520	0.267	8.526	0.208	8.543	0.149	13.060	0.290	13.075	0.235	13.087	0.130	13.100	0.083
8.559	0.246	8.567	0.339	8.585	0.386	8.605	0.323	13.121	0.062	13.142	-0.031	13.149	-0.077	13.183	-0.009
8.617	0.260	8.628	0.205	8.640	0.298	8.651	0.382	13.214	-0.154	13.266	-0.049	13.292	-0.121	13.317	-0.205
8.656	0.508	8.673	0.643	8.700	0.530	8.714	0.416	13.336	-0.193	13.354	-0.218	13.369	-0.273	13.392	-0.319
8.727	0.341	8.737	0.248	8.750	0.194	8.763	0.147	13.428	-0.273	13.451	-0.223	13.473	-0.261	13.495	-0.291
8.779	0.055	8.806	0.064	8.825	-0.033	8.839	-0.159	13.516	-0.232	13.542	-0.169	13.573	-0.233	13.625	-0.225
8.858	-0.306	8.889	-0.319	8.908	-0.424	8.917	-0.529	13.653	-0.204	13.692	-0.163	13.723	-0.222	13.744	-0.231
8.931	-0.579	8.945	-0.533	8.962	-0.432	8.968	-0.322	13.801	-0.194	13.852	-0.140	13.888	-0.183	13.927	-0.196
8.977	-0.238	8.995	-0.111	9.014	-0.216	9.026	-0.326	13.951	-0.196	13.984	-0.125	14.010	-0.134	14.059	-0.042
9.041	-0.405	9.065	-0.376	9.093	-0.320	9.106	-0.223	14.097	-0.080	14.132	-0.005	14.181	-0.111	14.201	-0.007
9.118	-0.127	9.131	-0.034	9.139	0.055	9.159	0.139	14.232	0.141	14.278	0.103	14.315	0.060	14.337	-0.020
9.179	0.131	9.203	0.127	9.221	0.068	9.236	0.031	14.364	-0.096	14.402	-0.185	14.446	-0.076	14.495	-0.199
9.256	0.128	9.266	0.183	9.289	0.313	9.309	0.276	14.531	-0.266	14.557	-0.300	14.585	-0.364	14.611	-0.309
9.322	0.238	9.336	0.310	9.359	0.411	9.378	0.365	14.639	-0.233	14.686	-0.224	14.714	-0.266	14.727	-0.283
9.394	0.298	9.407	0.214	9.425	0.311	9.445	0.362	14.755	-0.195	14.800	-0.047	14.831	-0.064	14.857	-0.098
9.461	0.311	9.486	0.219	9.494	0.160	9.512	0.240	14.874	-0.093	14.923	-0.064	14.950	0.058	14.990	0.227
9.534	0.321	9.558	0.178	9.571	0.035	9.581	-0.096	15.030	0.067	15.060	-0.084	15.086	-0.190	15.109	-0.253
9.593	-0.222	9.606	-0.302	9.621	-0.339	9.650	-0.272	15.138	-0.139	15.174	-0.039	15.211	-0.096	15.233	-0.277
9.673	-0.402	9.680	-0.524	9.687	-0.638	9.710	-0.772	15.259	-0.310	15.283	-0.326	15.311	-0.288	15.330	-0.187
9.729	-0.683	9.756	-0.607	9.775	-0.611	9.790	-0.489	15.366	-0.031	15.396	-0.068	15.420	-0.114	15.445	-0.022
9.798	-0.363	9.817	-0.261	9.841	-0.413	9.856	-0.480	15.474	-0.118	15.503	0.135	15.542	0.291	15.578	0.270
9.876	-0.408	9.900	-0.361	9.923	-0.374	9.946	-0.243	15.622	0.207	15.649	0.309	15.670	0.414	15.699	0.393
9.960	-0.095	9.966	0.018	9.981	0.149	10.009	0.246	15.732	0.406	15.758	0.292	15.791	0.124	15.822	0.158
10.034	0.154	10.060	0.053	10.075	0.107	10.099	0.192	15.848	0.103	15.865	0.078	15.898	0.095	15.934	0.015
10.126	0.187	10.144	0.331	10.152	0.470	10.172	0.604	15.958	-0.048	16.002	-0.086	16.029	-0.124	16.051	-0.161
10.200	0.428	10.214	0.217	10.236	0.053	10.259	0.066	16.073	-0.086	16.099	0.053	16.144	-0.031	16.191	0.045
10.290	0.019	10.311	0.078	10.341	0.167	10.360	-0.094	16.224	-0.032	16.290	0.192	16.290	0.175	16.317	0.175
10.395	-0.296	10.407	-0.469	10.415	-0.612	10.428	-0.755	16.345	0.103	16.363	0.061	16.396	0.112	16.421	0.120
10.449	-0.848	10.463	-0.886	10.481	-0.806	10.495	-0.700	16.449	0.187	16.465	0.238	16.492	0.153	16.530	0.006
10.522	-0.587	10.548	-0.652	10.563	-0.692	10.592	-0.655	16.573	0.179	16.606	0.166	16.645	0.187	16.688	0.174
10.615	-0.634	10.645	-0.554	10.665	-0.478	10.689	-0.398	16.706	0.098	16.726	0.098	16.772	0.258	16.811	0.161

16.844	0.144	16.864	0.077	16.894	-0.024	16.930	0.039	25.605	0.088	25.652	-0.047	25.692	0.058	25.721	0.045
16.958	-0.012	16.997	-0.045	17.029	-0.058	17.055	-0.092	25.765	-0.103	25.824	-0.011	25.870	0.035	25.941	0.022
17.113	0.051	17.147	0.076	17.167	-0.105	17.221	-0.067	25.982	-0.012	26.039	0.012	26.106	-0.021	26.165	-0.061
17.273	0.057	17.298	0.076	17.346	0.148	17.405	0.025	26.200	0.062	26.262	0.011	26.295	0.019	26.339	-0.061
17.475	0.055	17.497	0.067	17.531	-0.000	17.569	-0.034	26.390	0.027	26.426	0.005	26.475	-0.012	26.513	-0.105
17.589	-0.089	17.615	-0.185	17.683	-0.185	17.719	-0.265	26.554	-0.030	26.593	-0.034	26.636	-0.010	26.677	-0.035
17.749	-0.172	17.780	-0.063	17.808	-0.135	17.835	-0.244	26.730	0.010	26.810	0.009	26.841	-0.025	26.887	-0.038
17.866	-0.143	17.891	-0.105	17.924	-0.080	17.957	0.005	26.933	-0.017	27.015	-0.038	27.066	-0.052	27.073	-0.015
17.993	-0.008	18.033	-0.008	18.059	-0.007	18.089	0.111	27.091	-0.041	27.160	0.049	27.225	0.045	27.273	-0.013
18.116	0.195	18.142	0.086	18.160	-0.044	18.195	0.053	27.347	-0.004	27.398	0.049	27.447	-0.002	27.498	0.013
18.249	-0.061	18.292	0.121	18.330	0.003	18.352	-0.064	27.530	-0.045	27.589	0.053	27.644	-0.019	27.690	-0.016
18.383	-0.123	18.410	-0.127	18.438	-0.164	18.480	-0.088	27.711	-0.045	27.804	-0.009	27.845	-0.035	27.889	-0.044
18.511	-0.092	18.541	-0.105	18.559	-0.134	18.591	-0.226	27.947	-0.032	27.987	-0.041	28.020	-0.037	28.073	-0.080
18.611	-0.155	18.636	-0.003	18.676	-0.028	18.702	0.001	28.133	-0.059	28.214	-0.022	28.298	-0.064	28.352	-0.049
18.755	-0.121	18.790	0.014	18.827	0.015	18.868	0.124	28.403	-0.065	28.464	-0.057	28.507	-0.061	28.562	-0.060
18.901	0.116	18.941	0.044	18.984	0.150	19.041	0.226	28.618	0.002	28.664	-0.015	28.707	0.026	28.758	-0.007
19.101	0.104	19.145	0.163	19.194	0.025	19.237	0.126	28.804	-0.008	28.848	0.022	28.873	-0.008	28.927	0.051
19.263	0.025	19.291	-0.071	19.342	0.013	19.371	-0.041	28.969	0.017	29.009	0.050	29.069	0.063	29.101	0.138
19.407	-0.071	19.448	-0.100	19.501	-0.082	19.562	-0.078	29.145	0.054	29.190	0.155	29.252	0.062	29.297	0.091
19.588	-0.136	19.612	-0.124	19.645	-0.170	19.684	-0.115	29.349	0.091	29.384	0.149	29.422	0.044	29.448	0.039
19.727	-0.131	19.753	-0.089	19.800	-0.181	19.854	-0.096	29.486	0.005	29.532	0.064	29.575	0.005	29.606	0.047
19.895	-0.138	19.931	-0.180	19.965	-0.179	20.018	-0.091	29.659	-0.105	29.698	0.029	29.736	-0.106	29.795	-0.085
20.065	-0.028	20.121	-0.011	20.152	0.052	20.189	0.027	29.833	-0.182	29.871	-0.115	29.917	-0.090	29.953	-0.132
20.232	0.107	20.271	0.107	20.312	0.048	20.344	0.086	29.999	-0.132	30.073	0.014	30.134	-0.049	30.163	0.002
20.402	0.027	20.438	0.187	20.487	0.128	20.531	0.094	30.184	0.023	30.194	0.065	30.212	0.098	30.230	0.107
20.562	0.157	20.611	0.174	20.630	0.157	20.669	0.052	30.248	0.123	30.261	0.107	30.274	0.081	30.287	0.069
20.708	0.098	20.736	0.064	20.762	0.085	20.793	0.034	30.297	0.069	30.308	0.064	30.329	0.060	30.342	0.056
20.827	0.005	20.851	-0.016	20.879	-0.063	20.915	-0.033	30.355	0.064	30.367	0.106	30.378	0.127	30.386	0.136
20.949	-0.059	21.001	-0.055	21.048	-0.080	21.081	-0.097	30.398	0.144	30.411	0.115	30.421	0.073	30.432	0.030
21.165	0.079	21.224	0.033	21.263	0.088	21.309	0.214	30.438	-0.003	30.447	-0.024	30.453	-0.045	30.469	-0.045
21.356	0.193	21.387	0.092	21.412	0.045	21.452	0.155	30.481	-0.037	30.497	-0.050	30.512	-0.058	30.523	-0.041
21.498	0.075	21.537	-0.043	21.576	-0.014	21.610	-0.031	30.546	-0.029	30.543	-0.020	30.549	-0.029	30.562	-0.054
21.793	0.144	22.014	0.261	22.049	0.156	22.070	0.118	30.566	-0.071	30.574	-0.105	30.582	-0.130	30.593	-0.155
22.106	0.117	22.135	0.087	22.176	0.124	22.229	0.010	30.597	-0.159	30.608	-0.176	30.628	-0.159	30.639	-0.130
22.261	-0.075	22.305	-0.042	22.328	-0.017	22.370	-0.013	30.649	-0.096	30.654	-0.080	30.669	-0.101	30.682	-0.109
22.400	-0.085	22.441	-0.149	22.491	-0.141	22.537	-0.016	30.698	-0.126	30.711	-0.097	30.724	-0.075	30.739	-0.038
22.574	-0.029	22.604	-0.029	22.657	-0.030	22.690	-0.031	30.752	-0.025	30.764	-0.008	30.777	-0.021	30.795	-0.021
22.740	0.023	22.789	-0.041	22.826	-0.036	22.857	-0.130	30.806	-0.008	30.829	0.009	30.852	0.042	30.864	0.076
22.911	-0.131	22.962	-0.182	23.004	-0.208	23.037	-0.209	30.885	0.080	30.898	0.093	30.911	0.105	30.923	0.130
23.096	-0.092	23.148	-0.093	23.202	-0.022	23.279	-0.007	30.931	0.147	30.942	0.156	30.951	0.168	30.962	0.147
23.319	-0.008	23.391	0.101	23.431	0.049	23.470	0.011	30.975	0.113	30.993	0.071	31.003	0.054	31.019	0.059
23.513	-0.003	23.576	-0.025	23.615	-0.063	23.645	-0.081	31.041	0.071	31.072	0.046	31.101	0.050	31.128	-0.029
23.695	-0.166	23.737	-0.107	23.775	-0.116	23.828	-0.105	31.145	0.008	31.158	-0.005	31.171	-0.009	31.186	-0.013
23.841	-0.113	23.889	-0.042	23.925	0.029	23.955	0.125	31.198	-0.034	31.218	-0.060	31.238	-0.072	31.258	-0.060
23.990	0.066	24.044	0.098	24.085	0.169	24.125	0.152	31.333	-0.077	31.348	-0.035	31.356	-0.009	31.366	0.012
24.180	0.173	24.223	0.089	24.264	-0.115	24.298	0.052	31.383	-0.022	31.398	-0.043	31.418	-0.014	31.431	0.007
24.324	0.023	24.362	0.031	24.395	-0.044	24.427	-0.057	31.450	-0.001	31.466	0.011	31.473	0.003	31.488	0.024
24.457	-0.065	24.497	-0.116	24.521	-0.162	24.565	-0.039	31.501	0.041	31.531	0.100	31.548	0.133	31.560	0.154
24.591	0.024	24.628	0.012	24.668	0.013	24.702	0.004	31.566	0.159	31.581	0.138	31.595	0.129	31.606	0.150
24.744	0.089	24.787	0.157	24.815	0.090	24.837	0.053	31.623	0.158	31.640	0.116	31.651	0.078	31.668	0.057
24.870	0.062	24.910	0.008	24.961	0.109	25.006	0.034	31.686	0.078	31.706	0.091	31.720	0.103	31.738	0.069
25.060	-0.028	25.107	-0.049	25.166	-0.032	25.214	-0.065	31.753	0.019	31.771	-0.002	31.793	-0.011	31.808	-0.019
25.245	-0.061	25.278	-0.082	25.333	-0.043	25.385	-0.022	31.825	-0.074	31.841	-0.074	31.861	-0.104	31.880	-0.083
25.422	0.033	25.478	-0.055	25.535	0.042	25.562	0.025	31.898	-0.074	31.915	-0.058	31.933	-0.066	31.951	-0.079
								31.966	-0.100	31.979	-0.142	31.993	-0.172	32.003	-0.184

32.026	-0.117	32.044	-0.079	32.068	-0.041	32.098	-0.025	36.251	-0.056	36.268	-0.064	36.289	-0.043	36.315	-0.026
32.131	0.013	32.147	0.000	32.177	0.008	32.197	0.025	36.337	-0.056	36.348	-0.068	36.378	-0.081	36.424	-0.073
32.213	0.029	32.225	0.038	32.245	0.033	32.253	0.058	36.470	-0.050	36.520	-0.052	36.571	-0.048	36.641	-0.043
32.258	0.084	32.273	0.113	32.285	0.147	32.298	0.117	36.706	-0.034	36.741	-0.033	36.770	-0.025	36.793	-0.033
32.316	0.092	32.329	0.079	32.342	0.091	32.354	0.121	36.832	0.001	36.861	-0.024	36.889	-0.028	36.909	-0.019
32.359	0.129	32.367	0.154	32.382	0.116	32.392	0.083	36.940	-0.031	36.961	-0.027	36.992	-0.031	37.013	-0.043
32.400	0.066	32.415	0.036	32.437	0.053	32.458	0.057	37.033	-0.051	37.052	-0.059	37.070	-0.047	37.093	-0.034
32.468	0.074	32.485	0.082	32.496	0.057	32.513	0.019	37.113	-0.046	37.142	-0.059	37.157	-0.029	37.183	-0.012
32.523	-0.023	32.531	-0.057	32.546	-0.099	32.559	-0.053	37.205	-0.033	37.234	-0.025	37.267	-0.016	37.295	-0.001
32.570	-0.023	32.580	0.006	32.590	0.040	32.615	0.006	37.321	-0.029	37.340	-0.045	37.353	-0.037	37.380	-0.028
32.632	-0.019	32.652	-0.044	32.673	-0.065	32.683	-0.044	37.399	-0.016	37.419	-0.032	37.444	-0.045	37.458	-0.053
32.701	-0.053	32.713	-0.065	32.724	-0.086	32.738	-0.116	37.480	-0.028	37.502	-0.007	37.517	-0.007	37.530	-0.010
32.754	-0.095	32.759	-0.065	32.769	-0.040	32.782	0.006	37.556	-0.015	37.571	-0.045	37.584	-0.049	37.597	-0.058
32.799	-0.019	32.819	-0.065	32.825	-0.099	32.837	-0.108	37.622	-0.062	37.640	-0.045	37.655	-0.029	37.675	-0.025
32.849	-0.074	32.867	-0.028	32.890	-0.040	32.895	0.044	37.696	-0.017	37.709	-0.008	37.727	0.008	37.752	-0.013
32.910	0.023	32.930	0.015	32.943	0.040	32.958	0.057	37.769	-0.009	37.793	-0.032	37.821	-0.001	37.838	0.007
32.971	0.036	32.981	0.014	32.999	-0.002	33.014	0.040	37.857	0.020	37.879	0.032	37.900	0.023	37.917	0.011
33.037	0.073	33.051	0.120	33.057	0.128	33.079	0.082	37.933	0.040	37.950	0.065	37.963	0.073	37.983	0.052
33.092	0.052	33.110	0.027	33.133	0.052	33.145	0.069	37.999	0.022	38.017	0.005	38.037	-0.007	38.060	0.005
33.167	0.048	33.187	0.022	33.210	-0.003	33.226	0.026	38.081	0.022	38.096	0.038	38.109	0.051	38.126	0.038
33.243	0.010	33.256	-0.020	33.276	-0.037	33.305	-0.029	38.146	0.025	38.157	0.021	38.171	0.037	38.187	0.050
33.329	-0.029	33.349	-0.020	33.364	-0.004	33.391	0.009	38.202	0.041	38.217	0.028	38.237	0.024	38.262	0.040
33.416	0.038	33.444	0.047	33.459	0.038	33.476	0.013	38.286	0.053	38.308	0.069	38.323	0.086	38.341	0.094
33.497	0.004	33.517	-0.000	33.540	0.004	33.567	0.038	38.356	0.102	38.369	0.081	38.381	0.060	38.400	0.056
33.580	0.071	33.597	0.075	33.604	0.113	33.618	0.075	38.473	0.068	38.485	0.021	38.500	0.050	38.515	0.055
33.635	0.041	33.658	0.024	33.684	0.032	33.702	0.019	38.473	0.034	38.485	0.021	38.500	0.050	38.515	0.055
33.724	0.032	33.743	0.061	33.756	0.073	33.781	0.056	38.521	0.075	38.541	0.046	38.561	0.028	38.584	0.007
33.793	0.047	33.809	0.025	33.827	0.016	33.847	0.009	38.614	-0.006	38.635	-0.018	38.662	-0.018	38.683	-0.018
33.862	0.017	33.886	0.025	33.901	0.016	33.924	-0.001	38.700	-0.018	38.728	-0.018	38.750	-0.043	38.781	-0.093
33.937	-0.022	33.952	-0.056	33.967	-0.077	33.990	-0.061	38.801	-0.118	38.824	-0.089	38.842	-0.042	38.872	-0.072
34.016	-0.040	34.036	-0.015	34.059	-0.024	34.085	-0.033	38.897	-0.084	38.928	-0.076	38.952	-0.063	38.971	-0.054
34.110	-0.046	34.126	-0.054	34.143	-0.063	34.162	-0.055	38.988	-0.050	39.011	-0.029	39.029	-0.029	39.059	-0.003
34.193	-0.034	34.213	-0.001	34.226	0.020	34.244	0.032	39.082	-0.016	39.104	-0.041	39.132	-0.032	39.163	-0.011
34.265	-0.002	34.280	-0.040	34.291	-0.081	34.314	-0.061	39.200	0.032	39.210	0.028	39.232	0.016	39.259	-0.001
34.347	-0.062	34.369	-0.067	34.400	-0.063	34.430	-0.055	39.277	-0.013	39.300	-0.042	39.320	-0.029	39.348	-0.020
34.449	-0.030	34.464	-0.047	34.475	-0.077	34.487	-0.094	39.366	-0.012	39.382	-0.033	39.403	-0.049	39.421	-0.061
34.500	-0.111	34.523	-0.102	34.536	-0.094	34.547	-0.103	39.439	-0.053	39.449	-0.048	39.474	-0.061	39.497	-0.052
34.573	-0.075	34.593	-0.108	34.622	-0.062	34.645	-0.083	39.515	-0.035	39.529	-0.026	39.544	-0.005	39.562	-0.021
34.658	-0.021	34.683	-0.050	34.697	-0.037	34.704	-0.018	39.579	-0.047	39.601	-0.059	39.624	-0.025	39.646	-0.008
34.722	-0.021	34.737	-0.030	34.769	-0.032	34.802	-0.018	39.667	-0.009	39.685	0.034	39.696	0.047	39.719	0.068
34.820	-0.005	34.844	-0.001	34.874	0.019	34.892	0.019	39.744	0.039	39.765	0.018	39.785	0.014	39.817	0.027
34.903	0.036	34.921	0.036	34.944	0.035	34.967	0.052	39.853	0.027	39.873	0.015	39.894	0.028	39.914	0.003
34.978	0.060	35.005	0.030	35.018	0.013	35.037	-0.004	39.930	-0.027	39.947	-0.052	39.961	-0.064	39.992	-0.072
35.063	0.000	35.096	-0.000	35.116	0.012	35.142	0.033	40.023	-0.064	40.050	-0.051	40.066	-0.059	40.084	-0.043
35.161	0.041	35.186	0.058	35.199	0.036	35.220	0.011	40.097	-0.051	40.113	-0.060	40.136	-0.077	40.168	-0.047
35.234	0.027	35.265	0.048	35.287	0.039	35.309	0.031	40.196	-0.026	40.217	-0.006	40.233	-0.001	40.253	-0.006
35.332	0.068	35.365	0.098	35.363	0.123	35.384	0.106	40.289	-0.002	40.324	0.023	40.345	0.057	40.373	0.078
35.409	0.126	35.431	0.139	35.453	0.113	35.467	0.092	40.399	0.009	40.427	0.061	40.472	0.031	40.500	0.018
35.492	0.062	35.508	0.045	35.531	0.032	35.553	0.053	40.531	0.090	40.551	0.026	40.569	0.034	40.588	0.009
35.576	0.069	35.591	0.082	35.612	0.065	35.640	0.039	40.608	-0.026	40.626	-0.039	40.654	-0.022	40.677	-0.002
35.656	0.026	35.681	0.018	35.707	0.026	35.733	0.038	40.690	0.006	40.715	-0.003	40.744	-0.024	40.769	-0.046
35.756	0.055	35.777	0.067	35.794	0.075	35.815	0.062	40.795	0.055	40.815	-0.043	40.848	-0.031	40.874	-0.023
35.840	0.037	35.858	0.015	35.887	0.019	35.908	0.044	40.899	-0.007	40.920	0.001	40.938	0.017	40.956	0.004
35.925	0.069	35.949	0.086	35.969	0.081	35.997	0.051	40.976	-0.000	40.986	0.029	40.997	0.050	41.015	0.066
36.021	0.022	36.044	-0.004	36.072	0.013	36.100	0.016	41.042	0.061	41.066	0.069	41.091	0.064	41.101	0.056
36.128	0.033	36.152	0.012	36.205	-0.013	36.230	-0.022	41.120	0.034	41.133	0.026	41.148	0.055	41.168	0.063

41.183	0.071	41.201	0.062	41.232	0.036	41.253	0.019	47.182	0.037	47.207	0.045	47.256	0.020	47.292	0.003
41.281	-0.003	41.308	-0.012	41.332	-0.021	41.364	-0.026	47.324	-0.019	47.357	-0.040	47.388	-0.040	47.413	-0.040
41.390	-0.018	41.410	-0.027	41.433	-0.036	41.452	-0.032	47.442	-0.070	47.470	-0.087	47.498	-0.083	47.524	-0.091
41.484	-0.020	41.503	0.004	41.530	0.004	41.557	0.001	47.561	-0.093	47.619	-0.092	47.666	-0.088	47.704	-0.080
41.587	0.003	41.627	0.002	41.650	-0.015	41.663	0.006	47.736	-0.068	47.757	-0.043	47.777	-0.027	47.797	-0.014
41.681	0.027	41.699	0.048	41.714	0.052	41.727	0.039	47.828	-0.011	47.844	-0.002	47.865	-0.003	47.880	0.006
41.745	0.018	41.760	-0.004	41.778	-0.012	41.799	0.000	47.896	-0.011	47.914	-0.020	47.936	-0.008	47.957	0.005
41.824	0.012	41.854	0.025	41.880	-0.001	41.896	-0.014	47.968	0.013	47.988	-0.004	48.007	-0.017	48.025	-0.009
41.914	-0.031	41.939	-0.044	41.965	-0.027	42.017	-0.024	48.039	-0.005	48.058	-0.001	48.097	-0.018	48.122	-0.031
42.036	-0.032	42.057	-0.062	42.071	-0.066	42.095	-0.071	48.143	-0.040	48.181	-0.028	48.207	-0.003	48.240	0.005
42.121	-0.058	42.141	-0.042	42.167	-0.021	42.210	-0.008	48.266	0.013	48.294	-0.009	48.307	-0.080	48.340	0.008
42.264	-0.004	42.303	-0.004	42.337	-0.005	42.359	0.012	48.371	0.007	48.391	0.019	48.420	0.032	48.446	0.048
42.375	0.025	42.396	0.004	42.414	-0.018	42.427	-0.030	48.469	0.022	48.486	0.010	48.510	0.039	48.536	0.055
42.447	0.005	42.465	0.007	42.481	0.016	42.509	-0.001	48.554	0.034	48.577	0.021	48.602	0.034	48.613	0.038
42.532	-0.010	42.566	-0.018	42.579	-0.031	42.592	-0.039	48.632	0.021	48.650	0.004	48.670	-0.005	48.698	-0.013
42.612	-0.044	42.632	-0.014	42.645	0.015	42.658	0.032	48.716	-0.009	48.734	-0.014	48.759	-0.031	48.792	-0.031
42.671	0.036	42.686	0.019	42.713	0.002	42.743	-0.011	48.820	-0.027	48.854	-0.031	48.908	-0.019	48.959	-0.019
42.764	-0.028	42.784	-0.020	42.800	-0.037	42.808	-0.024	48.999	-0.011	49.041	-0.003	49.065	0.001	49.097	0.018
42.833	-0.008	42.854	0.017	42.880	0.013	42.918	0.025	49.140	0.005	49.179	0.013	49.205	0.000	49.222	0.004
42.972	0.033	43.037	0.041	43.076	0.049	43.104	0.036	49.268	0.008	49.305	-0.000	49.348	-0.005	49.374	-0.001
43.129	0.034	43.162	0.057	43.200	0.056	43.229	0.064	49.414	-0.014	49.447	-0.018	49.476	-0.027	49.517	-0.010
43.373	-0.001	43.405	-0.001	43.424	0.003	43.452	0.003	49.567	0.006	49.604	0.015	49.645	0.014	49.669	0.026
43.479	-0.027	43.494	-0.052	43.510	-0.053	43.532	-0.045	49.681	0.039	49.721	0.047	49.752	0.046	49.780	0.054
43.558	-0.020	43.581	-0.011	43.613	-0.033	43.651	-0.020	49.811	0.049	49.851	0.045	49.889	0.023	49.932	0.006
43.690	-0.029	43.710	-0.016	43.735	-0.016	43.761	-0.016	49.898	-0.008	50.038	-0.026	50.079	-0.043	50.103	-0.052
43.781	-0.024	43.813	-0.045	43.851	-0.045	43.889	-0.040	50.129	-0.035	50.149	-0.018	50.185	-0.023	50.221	-0.031
43.942	-0.049	43.993	-0.053	44.034	-0.065	44.075	-0.069	50.263	-0.031	50.299	-0.023	50.345	-0.019	50.365	-0.002
44.115	-0.065	44.166	-0.064	44.196	-0.047	44.218	-0.030	50.389	0.014	50.407	0.018	50.424	0.002	50.451	-0.007
44.272	-0.029	44.310	-0.029	44.333	-0.020	44.370	-0.012	50.476	-0.008	50.504	0.010	50.525	0.001	50.550	0.001
44.408	-0.011	44.437	-0.028	44.451	-0.036	44.477	-0.031	50.579	-0.003	50.617	-0.016	50.638	-0.003	50.658	0.014
44.513	-0.027	44.545	-0.022	44.575	-0.035	44.594	-0.047	50.681	0.022	50.699	-0.003	50.722	-0.016	50.751	0.001
44.621	-0.055	44.647	-0.026	44.681	-0.035	44.707	0.028	50.774	0.014	50.806	0.010	50.834	0.014	50.866	0.023
44.740	0.011	44.774	0.026	44.800	-0.002	44.822	-0.011	50.898	0.015	50.927	0.015	50.945	0.023	50.978	0.007
44.842	0.023	44.868	0.052	44.901	0.052	44.923	0.047	51.075	-0.023	51.093	0.003	51.115	0.015	51.136	0.003
44.954	0.030	44.981	0.004	44.997	-0.013	45.019	0.008	51.159	-0.002	51.180	-0.010	51.200	-0.019	51.243	-0.032
45.041	0.025	45.072	0.016	45.094	0.003	45.125	-0.018	51.259	-0.019	51.290	0.011	51.315	-0.003	51.331	0.010
45.293	-0.001	45.326	0.019	45.352	-0.003	45.383	0.005	51.358	0.010	51.384	0.014	51.415	0.018	51.438	0.034
45.419	0.021	45.449	0.037	45.488	0.049	45.527	0.061	51.469	0.047	51.500	0.038	51.543	0.013	51.574	0.004
45.521	0.014	45.554	0.005	45.585	-0.004	45.622	-0.008	51.569	-0.032	51.589	-0.015	51.613	-0.044	51.636	-0.044
45.745	-0.027	45.773	-0.014	45.793	-0.010	45.818	-0.011	51.644	-0.012	51.653	0.004	51.701	-0.018	51.717	-0.018
45.833	-0.028	45.856	-0.040	45.872	-0.049	45.895	-0.045	51.747	-0.027	51.780	-0.035	51.813	-0.044	51.836	-0.044
45.928	-0.028	45.953	0.001	45.970	-0.031	45.991	0.013	51.864	-0.032	51.897	-0.015	51.935	0.001	51.956	0.014
46.009	0.000	46.027	-0.017	46.049	-0.029	46.072	-0.021	51.984	0.013	52.009	0.017	52.036	0.034	52.061	0.055
46.096	-0.009	46.125	0.012	46.150	0.033	46.166	0.046	52.195	0.083	52.225	0.083	52.263	0.074	52.304	0.065
46.188	0.021	46.221	-0.004	46.249	0.013	46.279	0.021	52.340	-0.052	52.387	0.039	52.420	0.013	52.458	0.005
46.307	0.025	46.330	0.025	46.353	0.038	46.373	0.038	52.463	-0.004	52.518	0.012	52.551	0.025	52.584	0.037
46.393	0.021	46.430	0.030	46.456	0.038	46.486	0.043	52.635	0.036	52.669	0.044	52.704	0.056	52.755	0.054
46.502	0.034	46.532	0.026	46.554	0.039	46.579	0.039	52.782	0.058	52.830	0.069	52.870	0.036	52.870	0.031
46.602	0.051	46.630	0.060	46.649	0.068	46.663	0.051	52.915	0.043	52.939	0.021	52.984	0.007	53.022	-0.002
46.677	0.030	46.703	0.034	46.738	0.038	46.771	0.055	53.077	-0.003	53.124	-0.013	53.152	-0.018	53.197	-0.035
46.799	0.055	46.828	0.038	46.866	0.021	46.905	0.030	53.217	-0.040	53.245	-0.024	53.279	-0.021	53.322	-0.022
46.935	0.038	46.954	0.029	47.012	0.042	47.012	0.042	53.362	-0.023	53.384	-0.015	53.415	-0.007	53.449	0.005
47.049	0.055	47.082	0.054	47.108	0.046	47.148	0.037	53.491	-0.005	53.512	0.003	53.537	-0.002	53.567	-0.011
								53.591	-0.003	53.601	0.013	53.632	-0.004	53.665	-0.026
								53.700	-0.030	53.743	-0.035	53.777	-0.040	53.797	-0.031

0.813	-0.555	0.826	-0.315	0.839	-0.104	0.849	0.094	2.475	0.115	2.480	0.305	2.485	0.456	2.489	0.591
0.855	0.279	0.865	0.477	0.873	0.612	0.879	0.797	2.496	0.709	2.509	3.823	2.515	0.756	2.520	0.629
0.886	0.624	0.894	0.414	0.900	0.228	0.905	0.056	2.530	0.465	2.537	0.263	2.545	0.082	2.550	-0.124
0.912	-0.108	0.920	-0.268	0.931	-0.428	0.939	-0.605	2.553	-0.275	2.556	-0.337	2.567	-0.524	2.576	-0.502
0.949	-0.359	0.950	-0.365	0.962	-0.167	0.970	-0.024	2.579	-0.389	2.584	-0.338	2.587	-0.275	2.595	-0.207
0.976	0.144	0.991	-0.041	1.002	-0.184	1.021	-0.332	2.607	-0.110	2.618	0.008	2.621	0.067	2.631	-0.068
1.034	-0.437	1.041	-0.538	1.042	-0.685	1.054	-0.597	2.641	-0.148	2.649	0.047	2.664	0.151	2.671	0.253
1.057	-0.467	1.059	-0.294	1.062	-0.147	1.071	0.047	2.681	0.316	2.687	0.278	2.697	0.194	2.700	0.190
1.073	0.245	1.080	0.438	1.084	0.325	1.091	0.215	2.717	0.266	2.723	0.312	2.738	0.241	2.742	0.136
1.104	0.093	1.126	-0.025	1.142	-0.173	1.157	-0.265	2.753	0.022	2.762	-0.070	2.766	-0.226	2.772	-0.201
1.170	-0.400	1.171	-0.505	1.176	-0.472	1.181	-0.270	2.777	-0.129	2.784	-0.007	2.789	0.120	2.795	0.212
1.188	-0.101	1.191	0.143	1.197	0.332	1.201	0.475	2.807	0.322	2.823	0.263	2.808	0.158	2.810	0.069
1.207	0.644	1.213	0.699	1.213	0.699	1.215	0.564	2.818	-0.019	2.823	0.082	2.830	0.251	2.836	0.402
1.221	0.429	1.226	0.269	1.236	0.130	1.247	-0.072	2.841	0.524	2.848	0.676	2.849	0.807	2.854	0.735
1.254	-0.220	1.265	-0.371	1.268	-0.527	1.273	-0.683	2.864	0.563	2.871	0.390	2.876	0.335	2.877	0.243
1.278	-0.763	1.286	-0.944	1.291	-0.847	1.299	-0.767	2.882	0.121	2.884	-0.005	2.889	-0.115	2.894	-0.203
1.304	-0.565	1.305	-0.422	1.309	-0.296	1.312	-0.114	2.899	-0.313	2.902	-0.287	2.907	-0.216	2.912	-0.152
1.317	-0.001	1.318	0.273	1.330	0.454	1.338	0.626	2.917	-0.072	2.918	-0.047	2.923	-0.098	2.930	-0.148
1.352	0.778	1.363	0.824	1.370	0.761	1.378	0.656	2.936	-0.211	2.946	-0.156	2.958	-0.080	2.961	-0.143
1.384	0.483	1.389	0.310	1.396	0.054	1.401	-0.195	2.969	-0.236	2.979	-0.316	2.982	-0.396	2.989	-0.476
1.407	-0.351	1.410	-0.490	1.415	-0.452	1.421	-0.376	2.995	-0.602	3.002	-0.551	3.010	-0.442	3.020	-0.361
1.426	-0.212	1.434	0.016	1.439	0.159	1.454	0.458	3.021	-0.281	3.028	-0.210	3.033	-0.079	3.035	-0.041
1.465	0.618	1.478	0.598	1.480	0.744	1.486	0.672	3.038	-0.088	3.040	-0.180	3.041	-0.247	3.048	-0.163
1.492	0.554	1.494	0.356	1.504	0.159	1.505	-0.018	3.054	-0.138	3.061	-0.214	3.072	-0.289	3.082	-0.382
1.510	-0.237	1.512	-0.410	1.513	-0.557	1.517	-0.625	3.084	-0.436	3.087	-0.365	3.094	-0.247	3.102	-0.066
1.521	-0.751	1.526	-0.688	1.538	-0.541	1.551	-0.435	3.110	-0.095	3.112	-0.221	3.122	-0.289	3.123	-0.394
1.557	0.334	1.563	-0.263	1.568	-0.162	1.573	-0.014	3.130	-0.280	3.140	-0.120	3.153	-0.006	3.163	0.091
1.578	0.087	1.581	0.251	1.589	0.394	1.597	0.499	3.169	0.162	3.183	0.272	3.189	0.424	3.192	0.554
1.602	0.593	1.613	0.482	1.620	0.310	1.626	0.091	3.201	0.664	3.204	0.765	3.232	0.566	3.242	0.807
1.628	-0.174	1.633	-0.431	1.638	-0.621	1.641	-0.777	3.219	-0.664	3.229	0.630	3.232	0.403	3.242	0.403
1.649	-0.692	1.655	-0.553	1.665	-0.364	1.672	-0.305	3.244	0.294	3.245	0.163	3.248	0.020	3.255	-0.123
1.675	-0.448	1.686	-0.553	1.694	-0.368	1.701	-0.250	3.258	-0.283	3.262	-0.413	3.267	-0.472	3.268	-0.599
1.704	-0.140	1.707	0.024	1.717	0.150	1.731	0.285	3.273	-0.548	3.276	-0.443	3.281	-0.312	3.285	-0.190
1.743	0.395	1.749	0.319	1.756	0.163	1.760	-0.030	3.290	-0.043	3.296	0.168	3.301	0.303	3.304	0.244
1.765	-0.195	1.772	-0.308	1.778	-0.413	1.791	-0.346	3.308	0.151	3.311	0.021	3.316	0.126	3.323	0.261
1.793	-0.169	1.794	-0.110	1.802	-0.232	1.815	-0.371	3.334	0.392	3.344	0.463	3.354	0.430	3.364	0.379
1.817	-0.413	1.823	-0.291	1.828	-0.123	1.839	0.063	3.374	0.308	3.382	0.207	3.387	0.089	3.395	-0.029
1.846	0.193	1.848	0.277	1.856	0.168	1.865	0.076	3.397	-0.121	3.398	-0.239	3.400	-0.328	3.402	-0.403
1.881	-0.025	1.891	0.025	1.901	0.118	1.923	0.211	3.403	-0.505	3.410	-0.593	3.413	-0.660	3.420	-0.584
1.907	0.320	1.917	0.408	1.920	0.329	1.923	0.244	3.431	-0.462	3.443	-0.344	3.454	-0.133	3.466	0.027
1.931	0.164	1.944	0.059	1.948	0.0	1.957	0.068	3.469	0.220	3.476	0.389	3.487	0.524	3.495	0.364
1.967	0.152	1.975	0.220	1.978	0.102	1.985	-0.024	3.509	0.229	3.515	0.078	3.527	0.112	3.533	0.225
1.991	-0.151	2.001	-0.311	2.011	-0.424	2.020	-0.353	3.538	0.297	3.545	0.196	3.553	0.078	3.560	-0.040
2.021	-0.268	2.028	-0.180	2.033	-0.104	2.036	-0.011	3.566	-0.132	3.578	-0.048	3.586	0.011	3.604	0.087
2.051	0.090	2.059	0.204	2.061	0.128	2.065	0.040	3.614	0.171	3.619	0.238	3.630	0.314	3.640	0.428
2.069	-0.087	2.080	-0.209	2.098	-0.322	2.108	-0.411	3.652	0.340	3.657	0.281	3.660	0.146	3.667	-0.052
2.117	-0.474	2.137	-0.381	2.152	-0.309	2.158	-0.166	3.675	-0.170	3.685	-0.321	3.692	-0.317	3.696	-0.271
2.173	-0.023	2.190	0.104	2.200	0.201	2.225	0.104	3.703	-0.195	3.716	-0.140	3.725	-0.030	3.739	-0.102
2.234	-0.043	2.244	0.029	2.257	0.155	2.267	0.071	3.744	-0.161	3.761	-0.110	3.769	-0.022	3.777	0.084
2.273	0.051	2.277	0.169	2.281	0.249	2.294	0.337	3.791	0.189	3.795	0.248	3.800	0.155	3.804	0.058
2.307	-0.236	2.319	-0.135	2.327	-0.034	2.333	0.093	3.815	-0.005	3.828	-0.085	3.842	-0.207	3.850	-0.122
2.342	0.228	2.346	0.257	2.355	0.207	2.363	0.181	3.865	-0.055	3.881	-0.038	3.891	-0.059	3.908	0.0
2.368	0.023	2.377	0.320	2.385	0.434	2.390	0.278	3.909	0.126	3.913	0.287	3.919	0.463	3.924	0.556
2.397	0.110	2.405	-0.126	2.413	-0.340	2.423	-0.492	3.929	0.670	3.931	0.564	3.934	0.404	3.937	0.295
2.426	-0.584	2.436	-0.685	2.439	-0.835	2.449	-0.542	3.942	0.152	3.947	0.076	3.956	-0.021	3.964	-0.055
2.455	-0.483	2.460	-0.365	2.463	-0.218	2.470	-0.074	3.970	-0.004	3.982	0.042	3.984	0.131	3.985	0.198

3.987	0.135	3.990	0.030	4.000	-0.059	4.003	-0.151	5.426	-0.235	5.428	-0.319	5.434	-0.260	5.441	-0.171
4.007	-0.261	4.008	-0.337	4.017	-0.265	4.018	-0.164	5.449	-0.116	5.452	-0.184	5.459	-0.226	5.462	-0.280
4.022	-0.029	4.025	0.055	4.027	0.177	4.028	0.320	5.465	-0.188	5.472	-0.103	5.478	-0.015	5.480	0.078
4.036	0.476	4.040	0.497	4.041	0.409	4.048	0.278	5.485	0.040	5.488	-0.040	5.495	-0.124	5.505	-0.128
4.053	-0.148	4.055	0.021	4.060	-0.063	4.064	-0.172	5.511	-0.141	5.516	-0.204	5.519	-0.271	5.526	-0.322
4.069	-0.126	4.079	-0.029	4.083	0.034	4.088	0.105	5.537	-0.305	5.542	-0.284	5.547	-0.242	5.557	-0.284
4.092	0.177	4.101	0.089	4.106	0.0	4.114	-0.126	5.569	-0.338	5.578	-0.401	5.585	-0.435	5.595	-0.359
4.127	-0.038	4.137	0.076	4.145	0.215	4.150	0.354	5.598	-0.266	5.600	-0.186	5.602	-0.081	5.610	-0.018
4.155	0.480	4.158	0.564	4.167	0.687	4.168	0.716	5.618	0.067	5.620	0.126	5.630	0.143	5.640	0.202
4.173	0.632	4.180	0.480	4.188	0.345	4.191	0.181	5.646	0.265	5.649	0.102	5.653	0.130	5.659	0.071
4.198	-0.008	4.205	-0.139	4.206	-0.295	4.208	-0.425	5.661	-0.025	5.666	-0.114	5.671	-0.160	5.684	-0.185
4.218	-0.551	4.221	-0.648	4.224	-0.711	4.223	-0.669	5.686	-0.223	5.692	-0.202	5.704	-0.168	5.712	-0.177
4.239	-0.560	4.241	-0.421	4.247	-0.231	4.252	-0.033	5.717	-0.231	5.734	-0.496	5.725	-0.366	5.737	-0.454
4.257	0.164	4.265	0.354	4.270	0.425	4.274	0.493	5.730	-0.543	5.745	-0.092	5.735	-0.370	5.749	-0.269
4.279	0.552	4.287	0.611	4.292	0.581	4.303	0.468	5.740	-0.164	5.745	-0.092	5.757	-0.012	5.763	0.017
4.310	0.346	4.313	0.194	4.318	0.068	4.321	-0.038	5.768	-0.016	5.775	-0.071	5.777	-0.121	5.786	-0.180
4.326	-0.164	4.335	-0.265	4.341	-0.353	4.349	-0.442	5.791	-0.235	5.806	-0.273	5.808	-0.319	5.811	-0.260
4.334	-0.534	4.364	-0.496	4.371	-0.404	4.375	-0.294	5.814	-0.197	5.824	-0.152	5.834	-0.146	5.838	-0.096
4.386	-0.214	4.397	-0.172	4.410	-0.172	4.422	-0.235	5.844	-0.129	5.844	-0.205	5.852	-0.112	5.857	-0.020
4.463	-0.130	4.481	-0.176	4.488	-0.155	4.496	-0.113	5.889	0.060	5.895	-0.024	5.904	-0.129	5.910	-0.259
4.501	-0.046	4.504	0.013	4.509	0.077	4.518	0.039	5.913	-0.386	5.917	-0.541	5.920	-0.592	5.928	-0.537
4.519	-0.029	4.522	0.088	4.529	-0.155	4.534	-0.231	5.933	-0.449	5.935	-0.402	5.937	-0.339	5.948	-0.297
4.541	-0.332	4.544	-0.357	4.549	-0.256	4.552	-0.210	5.942	-0.251	5.943	-0.162	5.948	-0.081	5.953	-0.032
4.560	-0.125	4.562	-0.062	4.567	-0.003	4.574	-0.068	5.961	-0.078	5.966	-0.129	5.970	-0.091	5.986	-0.023
4.577	-0.003	4.587	-0.104	4.590	-0.205	4.595	-0.289	5.989	-0.011	5.999	-0.031	6.001	-0.090	6.006	-0.145
4.600	-0.369	4.605	-0.306	4.613	-0.222	4.614	-0.129	6.009	-0.073	6.019	-0.006	6.027	0.078	6.032	0.175
4.621	-0.022	4.631	-0.140	4.633	-0.170	4.641	-0.073	6.037	-0.276	6.041	-0.352	6.044	-0.327	6.045	-0.251
4.655	-0.020	4.665	-0.091	4.680	-0.037	4.688	-0.027	6.054	0.167	6.060	0.057	6.065	0.146	6.069	0.226
4.693	0.077	4.698	-0.003	4.701	-0.091	4.706	-0.226	6.070	0.319	6.077	0.403	6.083	0.508	6.085	0.474
4.721	-0.314	4.723	-0.272	4.726	-0.213	4.728	-0.121	6.087	0.411	6.088	0.285	6.097	0.213	6.100	0.091
4.765	0.115	4.773	0.039	4.780	-0.003	4.786	-0.070	6.106	-0.010	6.111	-0.140	6.118	-0.077	6.121	0.020
4.791	-0.062	4.796	0.006	4.803	0.069	4.811	0.183	6.128	0.087	6.138	0.172	6.139	0.239	6.144	0.176
4.823	0.263	4.831	0.351	4.836	0.452	4.837	0.478	6.151	0.071	6.154	-0.026	6.157	-0.088	6.159	-0.136
4.845	0.119	4.852	0.334	4.857	0.267	4.868	0.204	6.164	-0.203	6.170	-0.237	6.177	-0.220	6.180	-0.178
4.875	0.428	4.880	0.086	4.888	0.111	4.890	0.179	6.189	-0.110	6.190	-0.013	6.195	0.079	6.198	0.176
4.899	0.225	4.911	0.259	4.922	0.292	4.927	0.335	6.205	0.294	6.208	0.205	6.212	0.121	6.218	0.033
4.934	0.314	4.940	0.267	4.947	0.196	4.957	0.128	6.223	0.142	6.230	0.226	6.231	0.294	6.236	0.370
4.962	0.044	4.970	0.057	4.981	0.078	4.991	0.078	6.240	0.479	6.241	0.395	6.243	0.294	6.244	0.201
4.998	0.078	5.009	0.099	5.016	0.074	5.021	0.049	6.258	0.117	6.259	0.079	6.266	0.142	6.267	0.205
5.026	0.061	5.034	0.103	5.045	0.154	5.057	0.200	6.272	0.134	6.277	0.041	6.286	-0.043	6.289	-0.127
5.068	0.217	5.075	0.234	5.080	0.184	5.088	0.116	6.295	-0.241	6.302	-0.161	6.309	-0.081	6.310	-0.018
5.094	0.060	5.096	-0.027	5.098	-0.094	5.104	-0.069	6.312	0.037	6.315	0.109	6.322	0.184	6.333	0.226
5.114	-0.031	5.119	-0.004	5.121	-0.052	5.124	-0.132	6.341	0.243	6.355	0.222	6.368	0.188	6.382	0.121
5.127	-0.195	5.137	-0.262	5.144	-0.288	5.150	-0.224	6.389	0.037	6.396	-0.018	6.402	-0.115	6.404	-0.157
5.158	-0.153	5.165	-0.090	5.168	-0.069	5.176	-0.014	6.415	-0.111	6.422	-0.064	6.424	-0.018	6.433	-0.127
5.178	0.045	5.186	-0.005	5.193	-0.068	5.203	-0.127	6.443	0.216	6.447	0.132	6.450	-0.024	6.460	-0.085
5.209	-0.025	5.213	-0.267	5.218	-0.354	5.222	-0.291	6.463	0.104	6.476	-0.037	6.476	-0.026	6.488	-0.048
5.229	-0.020	5.236	-0.140	5.244	-0.085	5.250	-0.017	6.499	-0.039	6.507	0.024	6.509	0.083	6.514	-0.010
5.262	0.050	5.278	0.088	5.283	0.147	5.285	0.206	6.521	-0.081	6.529	-0.186	6.530	-0.085	6.534	0.040
5.286	0.160	5.295	0.092	5.300	0.063	5.304	0.008	6.540	-0.142	6.545	0.252	6.550	0.353	6.553	0.466
5.316	0.067	5.321	0.118	5.327	0.177	5.331	0.126	6.555	0.369	6.557	0.264	6.560	0.159	6.568	0.041
5.350	0.026	5.359	-0.050	5.368	-0.134	5.375	-0.214	6.557	-0.115	6.585	-0.077	6.591	0.033	6.593	0.134
5.382	-0.147	5.385	-0.100	5.388	-0.037	5.395	0.035	6.596	0.239	6.601	0.336	6.607	0.294	6.611	0.226
5.401	0.022	5.405	-0.024	5.416	-0.113	5.421	-0.188	6.615	0.138	6.620	0.045	6.624	-0.043	6.630	-0.119
								6.637	-0.216	6.645	-0.170	6.651	-0.090	6.660	-0.031

6.669	0.024	6.686	0.091	6.695	0.171	6.699	0.293	8.450	0.048	8.460	-0.006	8.462	-0.023	8.467	-0.065
6.705	0.221	6.712	0.120	6.720	0.049	6.728	0.036	8.475	-0.074	8.482	0.002	8.488	0.044	8.492	0.049
6.738	-0.086	6.751	-0.154	6.761	-0.230	6.767	-0.158	8.500	-0.006	8.503	-0.031	8.508	-0.057	8.513	-0.065
6.782	-0.120	6.795	-0.091	6.809	-0.015	6.823	0.052	8.521	0.002	8.533	0.049	8.541	0.082	8.546	0.074
6.827	0.128	6.834	0.204	6.839	0.233	6.840	0.187	8.553	0.044	8.562	0.002	8.567	-0.031	8.571	-0.048
6.847	0.119	6.853	0.052	6.855	0.035	6.862	-0.016	8.584	-0.170	8.600	-0.078	8.608	-0.149	8.625	-0.082
6.871	-0.062	6.878	-0.041	6.891	-0.024	6.894	0.026	8.633	-0.141	8.641	-0.157	8.646	-0.157	8.654	-0.082
6.917	0.085	6.933	0.153	6.938	0.119	6.946	0.051	8.663	-0.052	8.666	-0.031	8.673	0.019	8.679	0.035
6.950	0.014	6.959	0.005	6.976	-0.012	6.986	-0.046	8.687	-0.099	8.694	-0.132	8.700	-0.166	8.717	-0.108
6.994	-0.079	6.995	-0.138	7.002	-0.117	7.010	-0.046	8.721	-0.188	8.730	-0.234	8.737	-0.285	8.742	-0.335
7.015	-0.012	7.018	-0.008	7.028	-0.050	7.034	-0.088	8.751	-0.323	8.758	-0.285	8.763	-0.234	8.770	-0.184
7.036	-0.122	7.044	-0.071	7.051	-0.033	7.067	-0.033	8.776	-0.155	8.783	-0.205	8.793	-0.256	8.797	-0.286
7.069	-0.063	7.088	-0.030	7.095	-0.016	7.106	-0.059	8.802	-0.281	8.818	-0.218	8.822	-0.172	8.835	-0.143
7.114	-0.122	7.116	-0.160	7.126	-0.097	7.149	-0.080	8.843	-0.156	8.858	-0.190	8.870	-0.219	8.875	-0.236
7.159	-0.105	7.168	-0.038	7.175	0.034	7.180	0.072	8.878	-0.245	8.894	-0.190	8.903	-0.173	8.914	-0.220
7.183	-0.143	7.190	-0.101	7.195	0.068	7.199	0.004	8.922	-0.228	8.935	-0.224	8.947	-0.208	8.955	-0.187
7.206	-0.042	7.211	-0.105	7.217	-0.059	7.226	-0.012	8.968	-0.149	8.973	-0.103	8.980	-0.061	8.988	-0.036
7.229	0.021	7.237	-0.021	7.242	-0.033	7.245	0.025	8.996	-0.090	9.000	-0.120	9.006	-0.171	9.014	-0.200
7.255	0.068	7.260	0.135	7.271	0.185	7.284	0.240	9.028	-0.103	9.037	-0.044	9.037	-0.006	9.055	-0.019
7.289	0.232	7.298	0.194	7.307	0.152	7.319	0.114	9.059	0.019	9.067	-0.028	9.078	-0.036	9.090	-0.019
7.332	0.072	7.340	0.030	7.342	-0.046	7.350	0.005	9.098	-0.002	9.106	0.040	9.113	0.048	9.116	0.057
7.360	0.064	7.365	0.140	7.371	0.190	7.378	0.203	9.118	-0.027	9.126	-0.019	9.133	-0.032	9.141	-0.024
7.384	0.114	7.391	0.072	7.401	0.169	7.410	0.127	9.147	0.023	9.159	0.099	9.166	0.132	9.170	0.157
7.420	0.157	7.422	0.136	7.428	0.203	7.433	0.254	9.185	0.178	9.192	0.149	9.194	0.141	9.205	0.183
7.438	0.283	7.446	0.195	7.450	0.056	7.461	0.009	9.213	0.221	9.220	0.225	9.228	0.178	9.233	0.166
7.469	0.136	7.477	-0.020	7.489	0.058	7.499	-0.059	9.238	0.128	9.244	0.098	9.249	0.060	9.253	0.048
7.510	0.119	7.515	0.006	7.520	0.170	7.528	0.073	9.263	0.031	9.269	0.056	9.276	0.073	9.286	0.031
7.535	0.187	7.541	0.267	7.548	0.343	7.556	0.385	9.290	0.006	9.299	-0.028	9.304	-0.036	9.322	0.023
7.562	0.225	7.567	0.098	7.582	-0.087	7.600	0.103	9.332	0.061	9.338	0.090	9.355	0.124	9.363	-0.002
7.610	-0.002	7.623	0.254	7.633	0.120	7.638	0.069	9.371	0.137	9.379	0.090	9.387	0.040	9.396	-0.002
7.650	-0.019	7.656	0.137	7.665	0.238	7.671	0.309	9.409	-0.010	9.414	0.006	9.425	0.040	9.436	0.057
7.679	0.368	7.684	0.352	7.689	0.192	7.699	0.086	9.442	0.112	9.450	0.120	9.456	0.154	9.466	0.188
7.711	-0.015	7.716	-0.061	7.719	-0.111	7.724	-0.183	9.468	0.222	9.475	0.209	9.481	0.184	9.493	0.159
7.730	-0.255	7.735	-0.322	7.744	-0.373	7.750	-0.213	9.499	0.125	9.502	0.096	9.511	0.041	9.519	0.020
7.763	-0.112	7.767	-0.082	7.777	-0.007	7.788	0.031	9.525	-0.009	9.527	-0.026	9.539	-0.060	9.545	-0.064
7.801	0.081	7.805	0.111	7.816	0.182	7.826	0.022	9.553	-0.055	9.557	-0.055	9.568	-0.017	9.580	-0.114
7.838	-0.096	7.842	-0.130	7.849	-0.189	7.861	-0.273	9.586	-0.207	9.591	-0.051	9.598	0.063	9.604	0.101
7.869	-0.256	7.874	-0.202	7.877	-0.109	7.884	-0.042	9.611	0.055	9.621	0.0	9.626	-0.050	9.631	-0.130
7.894	-0.130	7.902	-0.025	7.908	0.046	7.915	0.126	9.637	-0.223	9.644	-0.303	9.650	-0.471	9.657	-0.526
7.922	0.122	7.928	0.080	7.941	0.050	7.948	0.021	9.664	-0.404	9.673	-0.256	9.683	-0.155	9.692	-0.104
7.966	-0.060	7.973	-0.123	7.974	-0.136	7.978	-0.186	9.705	-0.054	9.711	-0.024	9.718	-0.024	9.738	-0.053
7.983	-0.249	7.996	-0.102	8.006	-0.149	8.011	-0.048	9.749	-0.024	9.756	-0.019	9.769	-0.074	9.779	-0.074
8.019	0.032	8.024	0.100	8.029	0.137	8.039	0.083	9.785	-0.048	9.797	-0.023	9.803	-0.010	9.812	-0.032
8.050	0.028	8.060	0.116	8.068	0.162	8.081	0.255	9.818	0.061	9.830	0.045	9.836	-0.003	9.840	-0.056
8.091	0.284	8.098	0.263	8.113	0.338	8.118	0.254	9.846	-0.157	9.856	-0.233	9.869	-0.241	9.884	-0.152
8.126	0.149	8.137	0.086	8.144	0.048	8.152	0.001	9.886	-0.135	9.895	-0.064	9.907	-0.051	9.915	-0.051
8.157	-0.041	8.165	0.056	8.170	0.115	8.179	0.182	9.921	-0.055	9.940	-0.017	9.946	0.005	9.958	0.051
8.185	0.245	8.195	0.182	8.203	0.144	8.210	0.215	9.968	0.098	9.979	0.102	9.986	0.026	9.999	-0.011
8.216	0.266	8.223	0.320	8.230	0.362	8.233	0.417	10.014	-0.003	10.019	0.014	10.027	0.073	10.034	0.116
8.244	0.421	8.251	0.350	8.256	0.283	8.261	0.236	10.042	-0.141	10.048	0.175	10.058	0.204	10.060	0.154
8.269	0.198	8.277	0.135	8.282	0.131	8.294	0.110	10.067	0.112	10.070	0.074	10.073	0.049	10.080	0.015
8.305	0.060	8.312	0.039	8.325	-0.003	8.328	-0.049	10.085	0.015	10.091	0.070	10.096	0.078	10.103	0.121
8.332	-0.100	8.340	-0.159	8.348	-0.053	8.356	-0.007	10.111	0.137	10.118	0.108	10.126	0.100	10.131	0.100
8.363	-0.062	8.368	-0.137	8.378	-0.150	8.388	-0.087	10.139	0.134	10.147	0.172	10.152	0.210	10.160	0.239
8.396	-0.040	8.401	-0.015	8.411	0.036	8.414	0.044	10.165	0.260	10.180	0.256	10.190	0.235	10.200	0.240
8.426	-0.015	8.434	-0.015	8.444	0.019	8.449	0.057	10.203	0.235	10.211	0.202	10.216	0.156	10.218	0.143

10.224	0.118	10.234	0.109	10.244	0.156	10.256	0.177	11.882	0.152	11.888	0.156	11.893	0.169	11.903	0.190
10.264	0.190	10.270	0.211	10.275	0.236	10.282	0.270	11.912	0.211	11.923	0.181	11.931	0.143	11.938	0.114
10.288	0.295	10.303	0.317	10.310	0.291	10.316	0.250	11.943	0.097	11.951	0.080	12.002	0.089	12.019	0.093
10.318	0.211	10.323	0.153	10.331	0.077	10.341	0.140	11.979	0.101	11.993	0.059	12.049	0.038	12.064	0.026
10.348	0.165	10.357	0.170	10.362	0.149	10.371	0.098	12.031	0.072	12.037	0.009	12.102	0.013	12.115	0.039
10.379	0.056	10.385	0.031	10.395	0.094	10.402	0.119	12.074	0.043	12.088	0.060	12.141	0.043	12.154	0.057
10.413	0.161	10.420	0.170	10.426	0.141	10.433	0.094	12.125	0.068	12.135	0.060	12.181	0.003	12.196	0.029
10.438	0.052	10.441	0.027	10.448	-0.015	10.449	-0.032	12.164	0.051	12.171	0.018	12.230	0.030	12.245	0.056
10.454	-0.045	10.461	0.006	10.466	0.035	10.474	0.078	12.214	0.001	12.229	0.018	12.268	0.060	12.283	0.052
10.476	0.073	10.481	0.031	10.487	0.015	10.495	0.019	12.258	0.081	12.268	0.081	12.323	0.014	12.336	0.010
10.502	0.057	10.507	0.082	10.514	0.128	10.520	0.162	12.300	0.014	12.310	0.014	12.379	0.014	12.394	0.014
10.525	0.183	10.533	0.209	10.538	0.171	10.546	0.112	12.349	0.037	12.366	0.047	12.427	-0.037	12.440	-0.028
10.551	0.044	10.553	-0.052	10.563	-0.078	10.574	0.048	12.400	0.027	12.413	-0.011	12.471	0.010	12.481	0.031
10.584	-0.086	10.588	-0.128	10.597	-0.191	10.599	-0.229	12.451	-0.024	12.461	-0.024	12.514	0.073	12.521	0.090
10.604	-0.271	10.611	-0.313	10.614	-0.313	10.620	-0.216	12.488	0.073	12.499	0.073	12.544	0.044	12.559	0.002
10.630	-0.153	10.635	-0.107	10.639	-0.044	10.645	0.028	12.526	0.090	12.536	0.065	12.587	-0.040	12.596	-0.045
10.652	0.108	10.657	0.146	10.663	0.155	10.670	0.091	12.572	0.002	12.578	-0.007	12.624	-0.049	12.644	-0.019
10.673	0.062	10.685	0.007	10.689	-0.026	10.693	-0.060	12.610	-0.053	12.621	-0.053	12.685	-0.007	12.692	-0.015
10.698	-0.094	10.703	-0.140	10.708	-0.174	10.711	-0.203	12.651	0.002	12.669	-0.002	12.715	-0.082	12.729	-0.086
10.716	-0.220	10.724	-0.245	10.731	-0.279	10.734	-0.291	12.698	-0.044	12.708	-0.074	12.751	-0.053	12.764	-0.027
10.745	-0.296	10.755	-0.266	10.770	-0.207	10.782	-0.173	12.734	-0.082	12.741	-0.074	12.793	0.006	12.810	-0.006
10.795	-0.177	10.803	-0.186	10.814	-0.198	10.823	-0.194	12.770	-0.011	12.787	0.010	12.837	-0.044	12.851	-0.019
10.834	-0.156	10.842	-0.118	10.846	-0.135	10.849	-0.177	12.854	-0.019	12.860	-0.040	12.901	-0.086	12.916	-0.040
10.856	-0.240	10.862	-0.282	10.869	-0.307	10.877	-0.299	12.888	-0.111	12.901	-0.086	12.944	-0.032	12.967	-0.062
10.884	-0.278	10.892	-0.215	10.900	-0.156	10.903	-0.139	12.933	-0.036	12.944	-0.032	13.013	-0.075	13.026	-0.046
10.910	-0.109	10.915	-0.109	10.926	-0.135	10.941	-0.147	12.985	-0.091	12.998	-0.087	13.054	0.059	13.062	0.047
10.948	-0.177	10.954	-0.206	10.963	-0.206	10.968	-0.156	13.037	-0.012	13.044	-0.022	13.083	-0.071	13.098	-0.105
11.009	-0.139	10.976	-0.080	10.992	-0.038	11.002	-0.029	13.069	0.013	13.077	-0.038	13.116	-0.181	13.129	-0.177
11.046	0.0	11.051	0.034	11.061	0.055	11.071	0.047	13.106	-0.139	13.111	-0.160	13.158	-0.090	13.162	-0.073
11.074	0.025	11.084	-0.021	11.088	-0.046	11.094	-0.080	13.139	-0.169	13.145	-0.148	13.206	-0.090	13.222	-0.116
11.099	-0.097	11.104	-0.101	11.111	-0.055	11.117	-0.012	13.167	-0.043	13.173	-0.022	13.219	-0.107	13.222	-0.044
11.121	0.009	11.127	0.047	11.135	0.059	11.144	0.059	13.193	-0.069	13.206	-0.090	13.246	-0.205	13.258	-0.196
11.134	0.025	11.170	0.034	11.177	0.034	11.187	0.025	13.232	-0.141	13.238	-0.175	13.297	-0.075	13.307	-0.054
11.193	0.025	11.203	-0.033	11.210	-0.059	11.216	-0.076	13.274	-0.129	13.286	-0.113	13.356	-0.088	13.369	-0.106
11.226	-0.012	11.231	0.013	11.239	-0.025	11.246	0.0	13.325	-0.054	13.346	-0.067	13.397	-0.064	13.408	-0.035
11.234	-0.029	11.262	-0.046	11.264	-0.055	11.271	-0.076	13.380	-0.097	13.397	-0.093	13.423	0.058	13.434	0.091
11.281	-0.071	11.284	-0.055	11.295	-0.059	11.299	-0.071	13.411	-0.014	13.419	0.024	13.455	0.049	13.462	0.003
11.309	-0.105	11.315	-0.126	11.319	-0.147	11.324	-0.160	13.437	0.091	13.449	0.074	13.475	-0.073	13.486	-0.098
11.337	-0.151	11.345	-0.130	11.357	-0.139	11.365	-0.164	13.463	-0.027	13.468	-0.039	13.514	-0.103	13.522	-0.077
11.371	-0.177	11.373	-0.181	11.378	-0.113	11.388	-0.046	13.496	-0.103	13.506	-0.107	13.542	0.024	13.548	0.053
11.391	-0.004	11.396	0.034	11.398	0.057	11.404	0.063	13.534	0.040	13.537	-0.010	13.586	0.082	13.602	0.078
11.414	0.013	11.416	-0.029	11.421	-0.080	11.428	-0.105	13.553	0.091	13.573	0.108	13.586	0.019	13.640	-0.002
11.434	-0.092	11.441	-0.042	11.444	-0.008	11.447	0.013	13.610	0.065	13.623	0.040	13.631	0.019	13.640	-0.002
11.454	0.013	11.461	-0.021	11.467	-0.046	11.474	-0.071	13.646	0.007	13.653	0.040	13.656	0.070	13.662	0.099
11.480	-0.101	11.487	-0.113	11.502	-0.113	11.508	-0.097	13.674	0.162	13.690	0.167	13.703	0.154	13.718	0.154
11.517	-0.055	11.528	-0.029	11.540	0.004	11.545	0.038	13.724	0.124	13.734	0.103	13.751	0.103	13.762	0.112
11.553	0.076	11.558	0.089	11.568	0.122	11.586	0.114	13.770	0.120	13.777	0.137	13.790	0.154	13.801	0.150
11.607	0.101	11.614	0.093	11.632	0.059	11.639	0.042	13.809	0.120	13.819	0.091	13.835	0.095	13.847	0.120
11.647	0.021	11.659	0.025	11.669	0.051	11.674	0.080	13.857	0.116	13.875	0.095	13.884	0.087	13.894	0.095
11.680	0.122	11.685	0.148	11.700	0.160	11.708	0.135	13.907	0.112	13.923	0.099	13.935	-0.015	13.976	-0.027
11.712	0.131	11.720	0.169	11.725	0.211	11.735	0.236	13.958	0.023	13.964	-0.007	13.969	-0.015	13.976	-0.027
11.743	0.249	11.750	0.249	11.761	0.232	11.771	0.194	13.984	-0.061	13.998	-0.057	14.010	-0.044	14.023	-0.052
11.779	0.148	11.786	0.131	11.793	0.127	11.801	0.148	14.038	-0.065	14.057	-0.061	14.062	-0.036	14.074	-0.019
11.817	0.169	11.827	0.181	11.831	0.177	11.844	0.135	14.091	-0.010	14.098	-0.019	14.116	-0.015	14.126	0.007
11.850	0.105	11.854	0.093	11.864	0.097	11.870	0.118	14.139	0.015	14.154	0.019	14.160	0.023	14.173	0.053

14.180	0.087	14.191	0.120	14.204	0.129	14.219	0.124	16.376	0.066	16.380	0.036	16.385	0.020	16.396	-0.031
14.237	0.145	14.245	0.162	14.256	0.154	14.265	0.137	16.399	-0.035	16.411	-0.052	16.418	-0.048	16.428	-0.023
14.271	0.108	14.279	0.120	14.289	0.141	14.297	0.175	16.430	0.010	16.456	0.027	16.465	0.040	16.477	0.056
14.304	0.200	14.312	0.209	14.322	0.192	14.330	0.171	16.490	0.073	16.497	0.073	16.503	0.031	16.512	0.001
14.345	0.158	14.367	0.158	14.382	0.158	14.392	0.179	16.513	-0.020	16.523	-0.029	16.538	-0.021	16.551	-0.033
14.403	0.204	14.413	0.238	14.420	0.259	14.434	0.255	16.561	-0.050	16.569	-0.059	16.581	-0.021	16.589	0.008
14.443	0.242	14.454	0.225	14.465	0.209	14.478	0.175	16.596	0.029	16.609	0.059	16.616	0.071	16.635	0.075
14.482	0.154	14.488	0.108	14.493	0.082	14.500	0.044	16.640	0.062	16.647	0.041	16.657	0.012	16.663	-0.010
14.501	0.032	14.513	0.032	14.523	0.057	14.537	0.057	16.670	-0.018	16.683	-0.027	16.696	-0.023	16.709	-0.014
14.547	0.049	14.558	0.049	14.567	0.053	14.576	0.070	16.723	0.011	16.736	0.027	16.747	0.036	16.752	0.040
14.583	0.091	14.591	0.081	14.604	0.023	14.616	-0.010	16.767	0.014	16.778	0.011	16.785	-0.028	16.795	-0.028
14.674	-0.044	14.632	-0.090	14.642	-0.124	14.650	-0.179	16.806	-0.024	16.821	-0.016	16.831	-0.003	16.834	0.010
14.748	-0.158	14.759	-0.175	14.766	-0.196	14.779	-0.242	16.848	0.039	16.857	0.039	16.871	0.026	16.881	0.009
14.784	-0.263	14.787	-0.271	14.792	-0.255	14.805	-0.217	16.898	-0.003	16.895	-0.012	16.905	-0.024	16.912	-0.020
14.808	-0.217	14.813	-0.250	14.825	-0.292	14.838	-0.301	16.932	-0.016	16.936	-0.041	16.945	-0.075	16.951	-0.100
14.839	-0.284	14.851	-0.242	14.860	-0.234	14.875	-0.217	16.961	-0.125	16.973	-0.130	16.986	-0.117	16.996	-0.096
14.883	-0.225	14.893	-0.200	14.906	-0.162	14.918	-0.141	17.002	-0.083	17.006	-0.062	17.016	-0.058	17.029	-0.075
14.924	-0.141	14.929	-0.162	14.937	-0.200	14.944	-0.226	17.044	-0.079	17.057	-0.053	17.066	-0.142	17.073	-0.171
14.952	-0.247	14.954	-0.238	14.965	-0.217	14.981	-0.196	17.111	-0.108	17.116	-0.125	17.126	-0.154	17.136	-0.171
14.996	-0.213	15.007	-0.226	15.017	-0.213	15.027	-0.222	17.142	-0.196	17.160	-0.192	17.168	-0.192	17.177	-0.175
15.035	-0.230	15.043	-0.235	15.051	-0.226	15.060	-0.210	17.190	-0.175	17.201	-0.175	17.214	-0.154	17.223	-0.124
15.069	-0.193	15.079	-0.168	15.087	-0.155	15.099	-0.168	17.227	-0.112	17.234	-0.091	17.242	-0.078	17.255	-0.107
15.107	-0.147	15.115	-0.117	15.118	-0.101	15.128	-0.130	17.260	-0.145	17.265	-0.162	17.273	-0.200	17.292	-0.234
15.141	-0.168	15.148	-0.189	15.159	-0.202	15.180	-0.185	17.308	-0.250	17.319	-0.242	17.333	-0.217	17.337	-0.204
15.193	-0.165	15.210	-0.139	15.219	-0.131	15.229	-0.131	17.349	-0.179	17.360	-0.154	17.365	-0.158	17.372	-0.179
15.244	-0.131	15.263	-0.161	15.270	-0.182	15.281	-0.199	17.377	-0.204	17.383	-0.238	17.400	-0.246	17.408	-0.221
15.283	-0.199	15.296	-0.182	15.303	-0.157	15.309	-0.115	17.415	-0.192	17.426	-0.205	17.436	-0.217	17.443	-0.200
15.320	-0.081	15.324	-0.068	15.334	-0.043	15.340	-0.018	17.456	-0.171	17.464	-0.146	17.477	-0.137	17.485	-0.133
15.347	-0.011	15.351	-0.028	15.360	-0.028	15.369	-0.001	17.502	-0.138	17.510	-0.108	17.515	-0.074	17.523	-0.074
15.378	-0.031	15.381	-0.052	15.395	-0.065	15.412	-0.052	17.531	-0.100	17.538	-0.112	17.548	-0.112	17.556	-0.100
15.420	-0.035	15.431	-0.006	15.439	0.024	15.446	0.040	17.564	-0.066	17.569	-0.037	17.579	-0.007	17.589	0.001
15.457	0.070	15.474	0.070	15.485	0.053	15.493	0.040	17.604	-0.046	17.627	0.013	17.637	0.034	17.652	0.055
15.506	0.040	15.518	0.049	15.532	0.070	15.544	0.099	17.660	0.039	17.666	0.026	17.681	0.026	17.693	0.043
15.558	0.108	15.570	0.112	15.581	0.095	15.591	0.078	17.699	0.038	17.704	-0.034	17.714	0.009	17.721	-0.016
15.594	0.070	15.598	0.070	15.614	0.082	15.624	0.112	17.729	-0.016	17.747	0.022	17.762	0.051	17.775	0.089
15.647	0.120	15.655	0.112	15.670	0.103	15.680	0.108	17.794	0.102	17.808	0.106	17.812	0.102	17.825	0.077
15.688	0.129	15.694	0.171	15.711	0.188	15.729	0.179	17.833	0.060	17.843	0.040	17.851	0.031	17.865	0.023
15.739	0.154	15.747	0.137	15.757	0.120	15.773	0.087	17.884	0.044	17.898	0.057	17.917	0.074	17.927	0.074
15.799	0.082	15.812	0.082	15.817	0.082	15.832	0.103	17.949	0.058	17.962	0.045	17.980	0.033	17.992	0.037
15.838	0.120	15.847	0.145	15.852	0.166	15.865	0.200	18.003	0.054	18.012	0.071	18.025	0.088	18.038	0.097
15.876	0.221	15.883	0.221	15.886	0.204	15.896	0.200	18.071	0.068	18.084	0.047	18.103	0.030	18.119	0.035
15.902	0.216	15.915	0.258	15.924	0.271	15.930	0.258	18.128	0.043	18.149	0.065	18.164	0.056	18.176	0.040
15.937	0.241	15.948	0.216	15.965	0.203	15.968	0.203	18.182	0.044	18.199	0.061	18.212	0.065	18.231	0.061
15.983	0.174	15.989	0.153	15.994	0.144	16.004	0.144	18.249	0.095	18.261	0.129	18.279	0.121	18.299	0.133
16.010	0.157	16.022	0.182	16.033	0.203	16.035	0.203	18.309	0.125	18.319	0.108	18.330	0.079	18.337	0.062
16.040	0.182	16.043	0.165	16.051	0.131	16.060	0.144	18.350	0.062	18.370	0.108	18.385	0.129	18.404	0.142
16.066	0.165	16.074	0.177	16.078	0.182	16.080	0.152	18.424	0.134	18.438	0.129	18.448	0.096	18.450	0.079
16.099	0.121	16.107	0.097	16.112	0.076	16.122	0.076	18.458	0.066	18.465	0.028	18.482	0.045	18.497	0.058
16.135	0.114	16.149	0.114	16.165	0.143	16.178	0.130	18.505	0.058	18.517	0.079	18.528	0.113	18.535	0.134
16.192	0.143	16.205	0.177	16.208	0.151	16.213	0.134	18.543	0.146	18.552	0.130	18.558	0.087	18.575	0.091
16.225	0.092	16.231	0.042	16.238	0.042	16.246	0.071	18.583	0.096	18.588	0.091	18.598	0.062	18.605	0.040
16.251	0.079	16.262	0.105	16.266	0.100	16.272	0.088	18.616	0.040	18.628	0.082	18.638	0.112	18.643	0.124
16.277	0.062	16.281	0.050	16.289	0.045	16.300	0.079	18.656	0.141	18.671	0.119	18.681	0.081	18.689	0.056
16.317	0.062	16.320	0.041	16.325	0.033	16.335	0.020	18.703	0.047	18.721	0.064	18.734	0.064	18.752	0.063
16.347	0.011	16.358	0.024	16.363	0.041	16.373	0.066	18.781	0.029	18.801	0.033	18.815	0.025	18.834	0.016
								18.849	0.033	18.862	0.045	18.864	0.037	18.877	-0.006

18.888	-0.022	18.900	-0.014	18.920	-0.006	18.940	-0.002	21.727	-0.050	21.735	-0.066	21.747	-0.083	21.760	-0.079
18.948	0.032	18.960	0.070	18.976	0.074	18.986	0.057	21.773	-0.062	21.786	-0.059	21.794	-0.008	21.808	-0.012
18.996	0.031	19.011	-0.002	19.015	-0.004	19.026	-0.032	21.824	-0.004	21.834	-0.008	21.845	-0.029	21.852	-0.062
19.041	-0.049	19.056	-0.041	19.076	-0.041	19.091	-0.024	21.857	-0.038	21.883	-0.025	21.906	-0.017	21.924	-0.004
19.101	0.005	19.114	0.026	19.115	0.014	19.132	-0.024	21.937	-0.009	21.952	-0.030	21.970	-0.026	21.982	-0.004
19.147	-0.062	19.153	-0.067	19.168	-0.058	19.186	-0.038	21.996	-0.017	22.016	-0.017	22.031	-0.022	22.046	-0.026
19.191	-0.021	19.204	-0.004	19.212	-0.021	19.219	-0.021	22.049	-0.034	22.065	-0.039	22.083	-0.047	22.103	-0.048
19.227	0.008	19.237	-0.038	19.240	-0.055	19.250	-0.101	22.122	-0.044	22.130	-0.035	22.138	-0.019	22.148	-0.006
19.252	-0.110	19.260	-0.127	19.276	-0.110	19.286	-0.093	22.165	-0.019	22.178	-0.019	22.188	-0.015	22.209	-0.005
19.309	-0.080	19.317	-0.054	19.325	-0.037	19.337	-0.025	22.228	-0.020	22.243	-0.001	22.272	-0.004	22.279	-0.021
19.343	-0.029	19.360	-0.075	19.365	-0.108	19.370	-0.129	22.287	-0.034	22.306	-0.026	22.329	-0.009	22.347	-0.007
19.388	-0.125	19.401	-0.112	19.424	-0.074	19.442	-0.074	22.365	-0.001	22.378	-0.023	22.392	-0.031	22.413	-0.006
19.458	-0.082	19.466	-0.090	19.476	-0.115	19.488	-0.149	22.425	-0.019	22.438	-0.019	22.455	-0.007	22.471	-0.010
19.501	-0.162	19.521	-0.174	19.534	-0.178	19.552	-0.178	22.491	-0.014	22.499	-0.003	22.518	-0.021	22.533	-0.021
19.562	-0.153	19.578	-0.161	19.589	-0.161	19.601	-0.182	22.556	-0.009	22.571	-0.008	22.584	-0.037	22.597	-0.058
19.604	-0.203	19.611	-0.228	19.620	-0.281	19.630	-0.287	22.604	-0.050	22.612	-0.033	22.627	-0.001	22.642	-0.009
19.637	-0.295	19.645	-0.278	19.663	-0.240	19.671	-0.198	22.657	-0.022	22.670	-0.030	22.685	-0.016	22.705	-0.032
19.678	-0.185	19.689	-0.156	19.696	-0.130	19.714	-0.126	22.725	-0.032	22.743	-0.032	22.763	-0.032	22.773	-0.024
19.723	-0.143	19.732	-0.164	19.743	-0.172	19.758	-0.155	22.791	-0.028	22.803	-0.032	22.820	-0.024	22.836	-0.002
19.777	-0.125	19.794	-0.112	19.802	-0.086	19.815	-0.070	22.859	-0.014	22.866	-0.040	22.871	-0.048	22.878	-0.052
19.823	-0.045	19.836	-0.028	19.843	-0.024	19.854	-0.028	22.896	-0.023	22.923	-0.036	22.942	-0.053	22.969	-0.057
19.869	-0.041	19.880	-0.041	19.890	-0.028	19.900	-0.016	22.984	-0.053	23.006	-0.036	23.032	-0.040	23.042	-0.053
19.906	0.022	19.918	0.056	19.931	0.073	19.939	0.064	23.062	-0.049	23.069	-0.057	23.078	-0.074	23.088	-0.078
19.951	0.043	19.960	0.022	19.973	0.001	19.982	-0.007	23.110	-0.057	23.131	-0.061	23.139	-0.057	23.154	-0.028
19.998	0.005	20.006	0.027	20.016	0.048	20.031	0.077	23.174	-0.019	23.186	-0.041	23.192	-0.036	23.204	-0.024
20.042	0.090	20.055	0.098	20.070	0.107	20.086	0.073	23.220	-0.041	23.227	-0.045	23.248	-0.058	23.255	-0.020
20.096	0.043	20.109	0.031	20.116	0.035	20.135	0.052	23.270	-0.020	23.278	-0.032	23.288	-0.028	23.299	-0.070
20.153	0.081	20.179	0.094	20.188	0.069	20.201	0.035	23.306	-0.079	23.324	-0.054	23.339	-0.033	23.345	-0.037
20.207	0.027	20.228	0.027	20.241	0.048	20.259	0.048	23.367	-0.020	23.387	-0.003	23.400	-0.016	23.418	-0.033
20.281	0.056	20.292	0.061	20.305	0.044	20.318	0.027	23.428	-0.033	23.438	-0.033	23.449	-0.046	23.474	-0.029
20.331	0.019	20.348	-0.002	20.356	-0.027	20.364	-0.019	23.490	-0.008	23.499	-0.013	23.518	-0.013	23.532	-0.021
20.375	-0.002	20.392	0.027	20.405	0.036	20.421	0.023	23.546	0.021	23.560	0.012	23.583	0.008	23.604	-0.016
20.442	0.015	20.451	0.011	20.462	0.007	20.480	0.032	23.616	0.025	23.634	0.050	23.650	0.075	23.668	-0.079
20.490	0.053	20.503	0.060	20.514	0.100	20.532	0.083	23.682	0.067	23.700	0.054	23.719	0.024	23.741	0.012
20.545	0.079	20.554	0.062	20.567	0.033	20.573	0.024	23.751	0.011	23.774	0.037	23.794	0.062	23.809	0.062
20.581	0.024	20.591	0.020	20.611	0.037	20.622	0.058	23.817	0.058	23.830	0.041	23.840	-0.024	23.858	-0.023
20.640	0.109	20.661	0.104	20.671	0.096	20.679	0.058	23.868	-0.039	23.888	-0.023	23.901	-0.006	23.922	-0.028
20.685	0.037	20.697	0.020	20.703	0.024	20.718	0.037	23.937	0.036	23.947	0.032	23.965	0.015	23.975	-0.006
20.741	0.049	20.767	0.049	20.776	0.032	20.788	0.024	24.048	0.025	24.000	-0.052	24.015	-0.044	24.026	-0.022
20.801	0.015	20.815	0.032	20.832	0.062	20.838	0.087	24.105	-0.041	24.071	-0.029	24.087	-0.013	24.100	-0.021
20.853	0.087	20.866	0.086	20.884	0.078	20.897	0.070	24.148	0.024	24.125	-0.058	24.139	-0.053	24.155	-0.024
20.916	0.074	20.931	0.074	20.945	0.074	20.962	0.086	24.172	-0.006	24.177	-0.006	24.192	-0.023	24.202	-0.043
20.970	0.107	20.981	0.124	20.989	0.107	20.997	0.082	24.210	-0.056	24.227	-0.076	24.250	-0.063	24.266	-0.042
21.009	0.061	21.020	0.039	21.028	0.023	21.043	0.014	24.293	-0.037	24.304	-0.041	24.324	-0.057	24.351	-0.036
21.066	0.018	21.074	0.031	21.092	0.056	21.107	0.073	24.364	-0.036	24.384	-0.015	24.402	-0.023	24.409	-0.035
21.126	0.064	21.137	0.043	21.157	0.022	21.165	0.001	24.432	-0.052	24.445	-0.056	24.459	-0.068	24.477	-0.081
21.175	-0.021	21.182	-0.025	21.204	0.017	21.212	0.030	24.492	-0.072	24.517	-0.068	24.530	-0.059	24.550	-0.038
21.222	0.025	21.247	0.038	21.261	0.029	21.270	0.004	24.563	-0.012	24.575	-0.005	24.586	0.001	24.603	-0.074
21.281	-0.009	21.296	0.0	21.309	0.008	21.322	0.008	24.613	-0.041	24.625	-0.054	24.638	-0.070	24.654	-0.024
21.346	0.021	21.361	0.039	21.372	0.012	21.379	-0.009	24.663	-0.062	24.688	-0.028	24.716	-0.015	24.736	-0.023
21.437	0.020	21.450	0.041	21.473	0.045	21.481	0.041	24.757	0.020	24.777	0.024	24.795	0.037	24.820	0.033
21.593	0.011	21.504	-0.014	21.521	-0.010	21.543	-0.010	24.835	0.033	24.855	0.054	24.880	0.062	24.890	0.083
21.651	0.006	21.578	-0.002	21.596	-0.006	21.601	-0.002	24.910	0.079	24.926	0.054	24.941	0.045	24.956	0.050
21.675	-0.032	21.624	-0.041	21.645	-0.041	21.660	-0.024	24.973	0.058	24.986	0.075	24.999	0.067	25.011	0.050
21.693	-0.028	21.693	-0.024	21.712	-0.024	21.720	-0.029	25.029	0.041	25.036	0.037	25.046	0.033	25.054	0.041
21.712	-0.024	21.712	-0.024	21.720	-0.024	21.720	-0.029	25.062	-0.005	25.079	0.008	25.092	0.016	25.100	0.064

25.107	0.092	25.117	0.113	25.132	0.125	25.146	0.117	27.964	-0.053	27.982	-0.032	27.985	-0.023	28.005	-0.023
25.153	0.092	25.164	0.066	25.173	0.033	25.179	-0.001	28.017	-0.053	28.028	-0.053	28.053	-0.048	28.069	-0.056
25.196	0.043	25.199	0.035	25.219	-0.010	25.232	0.011	28.078	-0.048	28.097	-0.006	28.109	0.015	28.114	0.007
25.244	0.020	25.259	0.032	25.264	0.003	25.270	-0.027	28.127	-0.031	28.137	-0.031	28.157	-0.073	28.171	-0.098
25.277	0.060	25.285	-0.069	25.290	-0.060	25.305	-0.044	28.191	-0.098	28.206	-0.076	28.226	-0.068	28.239	-0.042
25.316	-0.027	25.331	0.003	25.344	0.036	25.354	0.074	28.245	-0.034	28.253	-0.004	28.267	-0.029	28.280	0.017
25.371	0.082	25.376	0.082	25.386	0.057	25.404	0.015	28.344	0.017	28.304	0.017	28.313	-0.004	28.327	-0.037
25.415	-0.010	25.422	-0.027	25.438	-0.027	25.440	0.053	28.344	-0.066	28.352	-0.062	28.377	-0.037	28.388	-0.020
25.461	0.015	25.481	0.044	25.489	0.035	25.506	0.010	28.403	-0.007	28.416	0.019	28.433	0.019	28.447	0.032
25.516	-0.011	25.524	-0.024	25.539	-0.024	25.549	-0.037	28.459	0.002	28.470	0.019	28.493	0.036	28.508	0.036
25.567	0.033	25.583	0.005	25.603	0.035	25.619	0.047	28.523	0.015	28.546	-0.015	28.559	-0.002	28.582	0.028
25.628	-0.039	25.636	0.009	25.649	-0.016	25.665	-0.054	28.595	0.040	28.615	0.070	28.643	0.078	28.664	0.082
25.677	-0.025	25.685	0.004	25.700	0.034	25.708	0.025	28.687	0.036	28.712	0.091	28.730	0.082	28.736	0.078
25.728	0.021	25.739	0.017	25.752	-0.012	25.764	-0.033	28.751	0.093	28.759	0.023	28.766	0.032	28.784	0.044
25.772	-0.021	25.793	-0.012	25.808	0.004	25.819	0.030	28.804	0.040	28.823	0.036	28.848	0.057	28.863	0.069
25.828	0.051	25.837	0.055	25.842	0.055	25.855	0.030	28.876	0.089	28.894	0.052	28.909	0.043	28.927	0.031
25.864	0.004	25.870	-0.021	25.878	-0.050	25.887	-0.067	28.948	0.035	28.961	0.018	28.974	0.013	28.994	0.034
25.898	-0.080	25.905	-0.076	25.915	-0.033	25.929	-0.008	29.005	0.025	29.012	0.0	29.027	-0.021	29.038	-0.034
25.941	0.030	25.951	0.067	25.967	0.101	25.974	0.101	29.050	-0.017	29.061	0.004	29.076	0.029	29.091	0.062
25.982	0.067	25.990	0.029	26.003	0.0	26.013	-0.042	29.106	0.058	29.122	0.020	29.143	-0.018	29.167	-0.022
26.019	-0.068	26.031	-0.093	26.042	-0.064	26.054	-0.034	29.181	-0.052	29.190	-0.043	29.203	-0.006	29.223	0.032
26.062	0.004	26.069	0.033	26.074	0.054	26.085	0.079	29.239	0.087	29.250	0.091	29.262	0.079	29.274	0.053
26.134	-0.030	26.147	-0.052	26.164	-0.043	26.171	-0.005	29.278	0.028	29.290	-0.010	29.302	-0.056	29.313	-0.060
26.183	0.007	26.198	0.032	26.213	0.053	26.231	0.045	29.323	-0.052	29.343	-0.030	29.361	-0.017	29.379	-0.004
26.244	0.019	26.251	-0.010	26.264	-0.023	26.278	-0.023	29.387	0.026	29.407	0.085	29.412	0.072	29.422	0.026
26.296	-0.007	26.303	0.002	26.316	0.044	26.342	0.060	29.436	-0.011	29.461	-0.040	29.481	-0.019	29.494	0.010
26.362	0.081	26.383	0.081	26.400	0.059	26.415	0.059	29.516	0.048	29.539	-0.044	29.548	0.011	29.560	-0.023
26.433	0.063	26.447	0.016	26.462	0.080	26.472	0.071	29.581	-0.044	29.599	-0.044	29.611	-0.006	29.631	0.070
26.485	0.050	26.492	0.042	26.505	0.042	26.518	0.050	29.644	0.108	29.654	0.100	29.672	0.104	29.683	0.100
26.533	0.062	26.544	0.083	26.562	0.091	26.570	0.083	29.693	0.033	29.703	0.024	29.716	-0.027	29.728	-0.044
26.580	0.066	26.592	0.049	26.608	0.062	26.623	0.057	29.741	-0.031	29.756	0.011	29.767	0.065	29.777	0.090
26.634	0.036	26.647	0.032	26.666	0.057	26.682	0.048	29.790	0.082	29.797	0.065	29.815	0.010	29.833	0.014
26.697	0.040	26.701	0.035	26.733	0.039	26.744	0.027	29.845	0.010	29.861	-0.016	29.877	-0.012	29.894	0.013
26.767	0.035	26.776	0.035	26.784	0.026	26.802	-0.004	29.905	0.051	29.915	0.068	29.927	0.059	29.940	0.042
26.822	-0.017	26.835	-0.008	26.861	0.0	26.881	0.008	29.953	0.0	29.961	-0.034	29.973	-0.051	29.986	-0.013
26.902	0.003	26.909	-0.005	26.927	-0.039	26.945	-0.056	30.001	0.021	30.007	0.046	30.019	0.067	30.024	0.075
26.960	-0.073	26.965	-0.086	26.979	-0.099	26.991	-0.090	30.086	-0.043	30.104	-0.018	30.112	-0.014	30.119	-0.027
27.006	-0.069	27.019	-0.044	27.030	-0.057	27.047	-0.044	30.127	-0.027	30.133	-0.014	30.148	0.049	30.163	0.070
27.060	-0.057	27.067	-0.070	27.083	-0.082	27.098	-0.082	30.179	0.019	30.192	-0.023	30.262	0.023	30.272	0.044
27.116	-0.078	27.131	-0.053	27.151	-0.007	27.170	-0.011	30.288	0.060	30.303	0.064	30.314	0.052	30.319	0.026
27.185	-0.011	27.202	-0.045	27.218	-0.041	27.233	-0.045	30.324	0.005	30.339	0.003	30.350	0.009	30.365	0.001
27.251	-0.045	27.259	-0.028	27.274	-0.011	27.294	-0.018	30.384	0.026	30.397	0.039	30.415	0.043	30.433	0.034
27.311	0.031	27.322	0.022	27.329	0.018	27.344	-0.003	30.450	0.030	30.461	0.017	30.468	0.004	30.477	-0.008
27.363	-0.028	27.386	-0.041	27.396	-0.016	27.429	-0.014	30.487	0.0	30.508	-0.017	30.515	-0.025	30.526	-0.030
27.441	0.014	27.459	0.014	27.467	-0.007	27.479	-0.024	30.541	-0.005	30.554	0.033	30.557	0.029	30.565	0.004
27.497	-0.016	27.512	-0.016	27.522	-0.021	27.531	-0.025	30.577	-0.017	30.585	-0.043	30.600	-0.060	30.616	-0.060
27.546	0.004	27.560	0.025	27.578	0.024	27.597	0.007	30.629	-0.068	30.651	-0.052	30.669	-0.031	30.678	-0.018
27.601	0.006	27.616	-0.007	27.626	-0.015	27.645	-0.003	30.692	-0.001	30.698	-0.005	30.710	-0.031	30.721	-0.069
27.652	0.001	27.670	0.030	27.680	0.055	27.692	0.071	30.736	-0.017	30.747	-0.090	30.754	-0.085	30.760	-0.077
27.703	0.058	27.711	0.045	27.718	0.053	27.731	0.099	30.774	-0.048	30.778	-0.022	30.795	0.011	30.803	0.024
27.738	0.095	27.746	0.057	27.753	0.040	27.762	-0.007	30.816	0.011	30.833	0.003	30.855	-0.018	30.867	-0.035
27.772	-0.037	27.791	-0.020	27.797	-0.058	27.804	-0.067	30.880	-0.060	30.905	-0.069	30.918	-0.056	30.929	-0.027
27.810	-0.076	27.824	-0.076	27.837	-0.076	27.853	-0.031	30.941	0.019	30.952	0.003	30.974	0.019	30.996	0.002
27.868	0.003	27.881	0.007	27.891	0.032	27.901	0.031	31.010	-0.006	31.023	-0.010	31.042	-0.006	31.052	-0.010
27.914	-0.011	27.929	-0.007	27.937	-0.011	27.957	-0.053	31.075	-0.036	31.085	-0.040	31.104	-0.031	31.119	-0.010

31.135	0.019	31.152	0.028	31.174	0.023	31.182	0.023	34.895	0.024	34.916	0.053	34.933	0.045	34.944	0.028
31.199	0.019	31.210	0.027	31.232	-0.023	31.257	-0.006	34.964	0.015	34.983	0.019	35.003	0.024	35.014	0.028
31.264	-0.010	31.279	-0.031	31.304	-0.044	31.322	-0.031	35.037	0.049	35.050	0.045	35.062	0.036	35.080	0.015
31.337	0.002	31.357	0.019	31.375	0.002	31.395	0.010	35.093	0.007	35.109	-0.006	35.127	0.002	35.145	0.019
31.402	-0.010	31.415	-0.019	31.435	0.002	31.441	0.002	35.158	0.019	35.169	0.002	35.185	-0.019	35.203	-0.045
31.467	-0.010	31.482	-0.002	31.494	0.006	31.507	0.057	35.229	-0.032	35.262	0.001	35.280	-0.003	35.298	-0.016
31.515	0.053	31.532	0.028	31.544	0.007	31.559	0.011	35.324	0.009	35.348	0.009	35.377	0.009	35.400	0.005
31.569	-0.002	31.582	-0.002	31.592	0.015	31.602	0.011	35.429	0.021	35.443	0.025	35.459	0.012	35.478	-0.001
31.617	0.002	31.629	0.007	31.648	0.019	31.658	0.028	35.501	0.020	35.524	0.020	35.543	-0.006	35.571	-0.015
31.668	0.032	31.690	0.007	31.697	-0.002	31.712	-0.002	35.605	-0.011	35.635	0.001	35.656	0.001	35.684	-0.004
31.728	-0.023	31.743	-0.027	31.755	-0.015	31.765	0.015	35.707	0.025	35.738	0.050	35.764	0.037	35.781	0.024
31.778	0.049	31.788	0.065	31.797	0.061	31.818	0.015	35.799	0.007	35.825	0.011	35.851	0.023	35.887	0.014
31.835	-0.019	31.843	0.023	31.857	-0.019	31.870	-0.019	35.921	0.022	35.948	0.030	35.959	0.030	35.985	0.008
31.882	0.006	31.895	0.023	31.912	0.032	31.921	0.006	36.008	-0.001	36.026	-0.022	36.041	-0.030	36.052	-0.022
31.950	0.023	31.958	0.023	31.975	-0.011	31.990	-0.011	36.088	-0.010	36.116	0.020	36.130	0.020	36.161	-0.014
32.003	-0.007	32.018	-0.014	32.038	0.014	32.068	0.010	36.169	-0.014	36.192	-0.002	36.218	0.006	36.236	-0.010
32.093	0.001	32.091	-0.011	32.108	-0.011	32.121	-0.003	36.250	-0.019	36.276	-0.036	36.289	-0.048	36.304	-0.036
32.129	0.014	32.143	0.018	32.161	0.014	32.176	0.018	36.327	-0.019	36.357	-0.019	36.378	-0.019	36.403	-0.019
32.190	0.005	32.204	0.005	32.210	-0.012	32.224	-0.012	36.408	-0.023	36.427	-0.024	36.447	-0.015	36.470	-0.018
32.235	-0.016	32.248	-0.008	32.270	0.021	32.283	0.021	36.495	0.018	36.515	0.006	36.539	-0.003	36.557	-0.020
32.305	0.004	32.321	0.021	32.334	0.038	32.348	0.042	36.567	-0.024	36.585	-0.003	36.603	0.022	36.616	0.010
32.361	0.025	32.376	0.0	32.394	0.004	32.405	0.029	36.636	-0.007	36.665	-0.011	36.695	-0.003	36.718	0.022
32.419	0.033	32.433	0.033	32.458	0.041	32.473	0.003	36.736	0.022	36.757	0.014	36.781	0.014	36.798	0.009
32.485	-0.014	32.501	-0.010	32.523	0.019	32.548	0.027	36.824	0.009	36.845	-0.003	36.871	-0.025	36.897	-0.008
32.561	0.048	32.566	0.043	32.582	0.005	32.594	-0.029	36.905	-0.008	36.925	0.002	36.941	0.038	36.958	0.043
32.610	-0.046	32.627	-0.042	32.643	0.0	32.662	0.050	36.985	0.026	37.021	0.008	37.029	0.008	37.049	0.016
32.680	0.079	32.683	0.075	32.693	0.049	32.703	0.020	37.070	0.025	37.090	0.008	37.114	0.003	37.128	-0.005
32.716	-0.023	32.730	-0.040	32.749	-0.040	32.763	-0.015	37.141	0.003	37.165	0.011	37.188	0.011	37.200	0.019
32.771	0.019	32.789	0.069	32.799	0.073	32.817	0.039	37.222	-0.006	37.244	-0.007	37.265	-0.011	37.293	-0.007
32.832	-0.003	32.847	-0.020	32.872	-0.025	32.895	-0.004	37.316	0.005	37.327	0.001	37.357	0.0	37.368	-0.008
32.917	0.025	32.932	0.013	32.945	-0.004	32.965	-0.033	37.389	-0.017	37.414	-0.009	37.434	-0.013	37.448	-0.009
32.973	-0.029	32.996	-0.012	33.019	0.021	33.034	0.042	37.468	-0.001	37.489	-0.010	37.509	-0.010	37.525	-0.014
33.049	0.025	33.062	0.017	33.081	-0.017	33.101	-0.008	37.533	-0.014	37.558	0.011	37.573	0.006	37.597	-0.015
33.120	0.0	33.135	0.030	33.154	0.063	33.157	0.059	37.614	-0.028	37.630	-0.032	37.634	-0.036	37.650	-0.041
33.180	0.013	33.197	-0.012	33.223	-0.025	33.240	-0.012	37.660	-0.007	37.678	0.014	37.690	0.026	37.708	0.001
33.262	0.022	33.275	0.018	33.295	-0.011	33.315	-0.016	37.716	-0.012	37.739	-0.033	37.762	-0.055	37.777	-0.034
33.328	-0.020	33.343	-0.020	33.355	-0.015	33.368	0.010	37.792	-0.013	37.821	0.008	37.843	0.004	37.856	0.013
33.395	0.006	33.418	0.006	33.436	0.015	33.456	-0.023	37.864	-0.026	37.882	-0.038	37.897	-0.030	37.913	-0.005
33.471	-0.019	33.486	-0.010	33.508	0.023	33.532	0.031	37.930	0.024	37.950	0.020	37.960	-0.001	37.969	-0.014
33.547	0.027	33.566	0.010	33.581	-0.019	33.602	-0.015	37.976	-0.026	37.999	-0.014	38.014	-0.001	38.029	0.032
33.632	-0.020	33.638	-0.011	33.659	0.031	33.666	0.014	38.047	0.062	38.058	0.057	38.075	0.028	38.093	0.011
33.687	-0.024	33.709	0.018	33.732	-0.016	33.747	0.005	38.101	0.003	38.121	-0.006	38.141	0.015	38.166	0.049
33.760	0.005	33.778	-0.012	33.796	-0.004	33.824	-0.013	38.177	0.048	38.186	0.040	38.207	0.027	38.219	0.002
33.849	-0.004	33.868	-0.005	33.896	-0.001	33.919	0.003	38.230	-0.011	38.245	-0.007	38.257	0.010	38.277	0.031
33.934	-0.009	33.957	-0.018	33.970	-0.001	33.990	0.003	38.300	0.039	38.316	0.014	38.336	-0.011	38.353	-0.011
34.013	-0.014	34.028	-0.023	34.046	-0.031	34.061	-0.036	38.371	0.001	38.397	0.018	38.407	0.018	38.424	0.022
34.077	-0.019	34.098	0.019	34.118	0.044	34.139	0.035	38.447	0.005	38.470	-0.020	38.497	0.0	38.523	0.0
34.164	0.060	34.186	0.052	34.211	0.043	34.229	0.047	38.540	0.021	38.568	0.004	38.591	0.025	38.612	0.017
34.242	0.043	34.255	0.031	34.271	0.039	34.302	0.060	38.627	0.025	38.641	0.038	38.652	0.033	38.674	0.021
34.327	0.051	34.343	0.039	34.379	0.038	34.386	0.038	38.694	-0.013	38.713	0.004	38.735	-0.009	38.752	-0.001
34.413	0.062	34.433	0.034	34.452	0.038	34.465	0.030	38.760	0.012	38.813	0.007	38.823	0.003	38.849	0.020
34.488	0.021	34.509	0.021	34.529	0.029	34.552	0.033	38.861	0.015	38.882	0.028	38.899	0.028	38.915	0.011
34.578	0.042	34.620	0.046	34.620	0.042	34.638	-0.009	38.932	0.002	38.947	-0.015	38.954	-0.023	38.958	-0.031
34.647	-0.001	34.673	-0.005	34.696	-0.009	34.715	-0.018	38.967	-0.023	38.982	-0.006	39.005	-0.023	39.038	-0.027
34.732	-0.014	34.761	-0.001	34.784	0.007	34.805	-0.010	39.046	0.006	39.068	-0.006	39.088	-0.011	39.084	-0.023
34.828	0.003	34.838	-0.010	34.846	-0.001	34.869	-0.015	39.094	-0.015	39.114	0.002	39.137	0.014	39.146	0.014

39.159	0.002	39.169	-0.007	39.186	-0.032	39.195	-0.032	43.533	-0.019	43.555	-0.019	43.573	-0.027	43.614	-0.023
39.217	-0.019	39.236	0.002	39.259	0.014	39.285	0.014	43.628	-0.011	43.648	-0.011	43.672	-0.019	43.687	-0.019
39.317	0.014	39.336	0.018	39.353	0.018	39.374	0.031	43.715	-0.015	43.727	-0.015	43.747	-0.019	43.775	-0.036
39.398	0.035	39.402	0.031	39.420	0.010	39.439	0.007	43.785	-0.036	43.800	-0.036	43.824	-0.019	43.848	-0.011
39.459	-0.007	39.477	0.001	39.503	0.010	39.513	0.001	43.864	-0.007	43.876	-0.011	43.882	-0.019	43.894	-0.032
39.529	-0.011	39.546	-0.024	39.565	-0.036	39.595	-0.015	43.919	-0.007	43.950	-0.011	43.958	0.002	43.976	0.002
39.614	0.002	39.641	0.007	39.659	0.007	39.672	0.003	43.991	0.006	44.001	-0.003	44.009	-0.011	44.031	-0.007
39.695	0.003	39.714	0.024	39.752	0.024	39.765	0.016	44.051	0.006	44.056	0.003	44.072	0.001	44.090	0.023
39.780	0.008	39.798	0.008	39.817	0.021	39.835	0.042	44.105	0.014	44.129	0.006	44.142	0.006	44.155	-0.003
39.847	0.038	39.866	0.034	39.876	0.021	39.889	0.012	44.176	0.006	44.186	0.010	44.205	0.022	44.214	-0.022
39.909	-0.012	39.925	-0.003	39.945	0.014	39.963	0.014	44.231	0.018	44.251	0.010	44.274	0.001	44.304	0.010
39.977	0.005	39.989	-0.016	40.009	-0.032	40.027	-0.032	44.327	0.014	44.348	0.014	44.358	0.014	44.376	-0.003
40.034	-0.011	40.072	-0.019	40.097	-0.011	40.108	-0.019	44.403	0.001	44.423	0.005	44.441	0.018	44.456	-0.022
40.131	-0.032	40.146	-0.032	40.164	-0.023	40.181	-0.006	44.471	0.013	44.487	0.0	44.507	-0.013	44.527	-0.013
40.205	0.015	40.223	0.011	40.240	-0.002	40.260	-0.023	44.540	0.0	44.570	0.008	44.585	0.004	44.598	-0.001
40.283	-0.023	40.306	-0.002	40.317	0.019	40.334	0.011	44.618	-0.005	44.634	-0.005	44.668	-0.001	44.693	-0.010
40.355	0.020	40.365	0.011	40.378	-0.001	40.411	0.010	44.717	-0.019	44.746	-0.023	44.775	-0.011	44.799	-0.003
40.427	0.003	40.450	0.011	40.478	0.006	40.493	-0.011	44.824	-0.007	44.852	-0.003	44.873	-0.012	44.898	-0.008
40.518	-0.002	40.539	0.006	40.554	0.014	40.565	0.018	44.916	0.005	44.936	0.005	44.963	-0.013	44.976	-0.017
40.592	0.005	40.616	0.001	40.634	0.013	40.657	0.022	44.983	-0.017	45.003	0.004	45.028	0.004	45.046	-0.005
40.674	0.030	40.698	0.017	40.715	0.0	40.728	0.004	45.066	-0.014	45.084	-0.018	45.104	-0.039	45.120	-0.039
40.753	0.016	40.769	0.016	40.787	0.003	40.803	-0.005	45.143	-0.031	45.161	-0.014	45.179	-0.019	45.196	-0.015
40.828	-0.014	40.861	-0.006	40.882	0.011	40.895	0.002	45.215	-0.011	45.247	-0.028	45.261	-0.028	45.283	-0.003
40.915	0.002	40.943	0.019	40.961	0.019	40.979	0.010	45.307	0.005	45.335	-0.003	45.354	-0.012	45.373	-0.004
41.007	0.014	41.025	0.005	41.046	0.009	41.060	0.026	45.393	0.021	45.418	0.021	45.441	0.012	45.465	0.012
41.078	0.026	41.101	0.030	41.124	0.030	41.143	0.013	45.488	0.008	45.507	0.016	45.528	0.020	45.556	0.015
41.165	0.0	41.188	0.008	41.203	0.008	41.222	0.012	45.568	0.002	45.609	0.006	45.648	0.002	45.668	-0.011
41.249	0.0	41.270	0.008	41.303	0.002	41.329	0.008	45.703	-0.007	45.712	-0.012	45.737	-0.012	45.757	-0.004
41.354	-0.009	41.364	-0.018	41.396	-0.018	41.423	-0.010	45.787	-0.008	45.808	-0.008	45.834	-0.009	45.858	0.004
41.436	-0.010	41.454	-0.023	41.470	-0.023	41.502	-0.020	45.889	-0.001	45.994	0.023	46.017	0.010	46.046	-0.011
41.523	0.002	41.544	0.010	41.566	0.002	41.587	0.006	46.065	0.006	46.083	0.018	46.105	0.014	46.118	0.013
41.605	-0.011	41.623	-0.003	41.638	0.009	41.659	0.034	46.146	0.022	46.165	0.013	46.186	0.013	46.193	0.013
41.669	0.026	41.678	0.013	41.697	0.0	41.709	0.004	46.213	0.0	46.223	-0.004	46.236	-0.009	46.256	-0.005
41.719	0.004	41.737	-0.004	41.755	0.021	41.770	0.042	46.286	0.003	46.297	0.003	46.320	0.011	46.330	-0.001
41.783	0.046	41.812	0.033	41.827	0.020	41.847	-0.001	46.352	-0.010	46.378	-0.023	46.403	-0.019	46.423	-0.007
41.880	0.015	41.900	0.032	41.916	0.036	41.928	0.027	46.438	0.006	46.450	0.002	46.468	-0.007	46.494	-0.007
41.947	0.026	41.967	0.018	41.993	0.021	42.011	0.033	46.503	-0.007	46.529	0.001	46.554	0.026	46.572	0.022
42.026	0.025	42.046	0.003	42.064	-0.006	42.085	0.002	46.600	0.005	46.613	0.009	46.628	0.005	46.649	-0.008
42.103	0.023	42.110	0.027	42.126	0.031	42.143	0.018	46.661	-0.004	46.674	0.004	46.700	0.021	46.728	0.004
42.161	0.005	42.187	-0.004	42.211	-0.001	42.237	0.003	46.746	-0.004	46.759	0.012	46.790	0.012	46.808	0.020
42.255	0.028	42.273	0.028	42.298	0.006	42.318	0.007	46.825	0.007	46.838	-0.001	46.851	0.003	46.882	0.015
42.345	-0.003	42.367	0.004	42.393	0.004	42.426	-0.009	46.899	0.040	46.910	0.036	46.935	0.011	46.958	0.019
42.457	-0.005	42.486	-0.010	42.515	-0.006	42.532	-0.011	46.969	0.019	47.084	0.019	47.008	0.035	47.021	0.027
42.555	-0.007	42.576	-0.008	42.604	0.0	42.615	-0.004	47.035	0.014	47.054	0.014	47.079	0.018	47.102	0.022
42.643	-0.009	42.659	-0.001	42.694	0.020	42.705	0.012	47.108	0.018	47.133	0.018	47.149	0.009	47.172	0.026
42.726	-0.005	42.746	-0.001	42.767	-0.006	42.785	-0.015	47.179	0.022	47.197	0.005	47.216	-0.021	47.241	-0.021
42.819	-0.002	42.836	0.006	42.846	0.006	42.873	0.028	47.264	-0.004	47.295	0.0	47.321	0.012	47.349	0.004
42.896	-0.016	42.908	-0.003	42.924	0.001	42.937	0.001	47.355	-0.005	47.373	0.007	47.393	0.007	47.421	0.007
42.963	0.0	42.983	-0.004	42.999	0.0	43.020	-0.004	47.440	-0.004	47.468	0.006	47.486	0.016	47.506	0.010
43.027	0.008	43.051	0.016	43.061	0.025	43.084	0.020	47.530	0.006	47.545	0.001	47.563	-0.016	47.578	-0.003
43.111	0.024	43.132	0.024	43.160	0.007	43.183	0.007	47.589	0.013	47.602	0.018	47.610	0.005	47.620	-0.008
43.200	-0.006	43.220	-0.006	43.240	-0.010	43.253	-0.002	47.643	0.0	47.659	0.004	47.669	0.004	47.689	-0.013
43.266	-0.003	43.282	-0.006	43.299	0.003	43.309	-0.002	47.700	-0.009	47.708	0.0	47.734	0.012	47.752	0.016
43.324	-0.014	43.342	-0.027	43.365	-0.010	43.378	-0.006	47.767	0.024	47.788	0.016	47.798	-0.010	47.816	-0.006
43.398	-0.014	43.416	-0.010	43.436	-0.019	43.449	-0.023	47.833	-0.010	47.841	-0.002	47.860	0.006	47.885	0.006
43.464	-0.027	43.484	-0.019	43.502	-0.010	43.515	-0.010								

47.911	0.009	47.926	0.022	47.927	0.013	47.949	-0.008	52.304	-0.023	52.329	-0.019	52.356	-0.002	52.369	0.010
47.958	-0.008	47.981	0.008	48.009	0.016	48.025	0.008	52.421	0.006	52.421	-0.033	52.450	-0.016	52.468	0.001
48.037	0.012	48.055	-0.001	48.063	-0.014	48.079	-0.018	52.480	0.009	52.519	-0.017	52.549	-0.026	52.579	-0.009
48.102	0.011	48.125	0.015	48.140	0.019	48.155	0.027	52.586	0.007	52.612	0.016	52.627	0.011	52.659	-0.006
48.173	0.005	48.186	-0.003	48.204	0.009	48.233	0.0	52.677	-0.006	52.697	0.006	52.717	0.019	52.736	0.014
48.250	0.009	48.273	0.008	48.297	-0.001	48.312	-0.013	52.759	-0.016	52.782	-0.024	52.814	-0.025	52.852	0.013
48.323	-0.014	48.335	-0.010	48.356	-0.006	48.372	-0.002	52.886	0.004	52.902	-0.017	52.927	-0.009	52.956	0.007
48.476	0.005	48.415	-0.011	48.440	-0.020	48.461	-0.007	52.969	0.012	52.986	-0.005	53.001	-0.019	53.101	-0.015
48.572	-0.013	48.592	0.004	48.605	0.004	48.639	-0.013	53.122	-0.010	53.141	-0.015	53.156	-0.028	53.179	-0.015
48.663	-0.031	48.682	-0.031	48.698	-0.018	48.730	-0.010	53.186	-0.011	53.212	-0.010	53.239	0.018	53.259	0.014
48.744	-0.015	48.759	-0.023	48.773	-0.044	48.797	-0.036	53.277	0.005	53.308	-0.008	53.334	0.008	53.352	0.0
48.812	-0.037	48.836	-0.028	48.860	-0.003	48.875	-0.004	53.384	0.0	53.406	0.004	53.421	-0.005	53.441	0.003
48.895	-0.016	48.918	-0.029	48.940	-0.034	48.960	-0.013	53.453	-0.005	53.466	-0.014	53.483	-0.018	53.504	0.007
48.983	-0.004	49.001	-0.009	49.024	-0.021	49.041	-0.034	53.524	0.024	53.548	0.019	53.569	-0.006	53.586	-0.015
49.056	-0.017	49.071	-0.022	49.095	-0.022	49.110	-0.018	53.628	-0.011	53.641	-0.015	53.659	-0.011	53.682	0.014
49.133	-0.018	49.140	-0.013	49.156	-0.005	49.177	-0.014	53.707	0.005	53.734	-0.005	53.755	-0.012	53.769	0.001
49.266	0.024	49.284	0.024	49.312	-0.002	49.325	-0.002	53.785	0.001	53.809	-0.004	53.832	-0.017	53.858	0.004
49.358	-0.002	49.393	-0.019	49.409	-0.010	49.434	-0.002	54.021	-0.004	54.054	-0.021	54.066	-0.021	54.106	-0.013
49.450	0.019	49.465	0.010	49.489	0.002	49.509	-0.028	54.127	0.0	54.146	-0.005	54.174	-0.034	54.200	-0.035
49.534	-0.019	49.557	0.006	49.583	0.006	49.593	-0.011	54.217	-0.047	54.233	-0.030	54.253	0.004	54.273	-0.005
49.612	-0.020	49.619	-0.020	49.640	-0.028	49.658	-0.016	54.303	-0.018	54.331	-0.043	54.372	-0.018	54.397	-0.022
49.677	0.001	49.693	0.014	49.706	0.022	49.719	0.013	54.429	-0.001	54.457	-0.014	54.493	-0.006	54.535	-0.027
49.732	0.005	49.755	-0.004	49.768	-0.020	49.775	-0.021	54.569	-0.015	54.596	-0.023	54.614	-0.019	54.647	-0.007
49.797	-0.016	49.809	-0.004	49.823	0.013	49.833	0.009	54.660	-0.020	54.682	-0.016	54.713	0.014	54.739	0.005
49.848	-0.004	49.862	-0.013	49.880	-0.017	49.893	-0.026	54.764	-0.008	54.789	0.0	54.827	0.017	54.842	0.004
49.913	-0.030	49.926	-0.013	49.944	-0.005	49.955	-0.005	54.868	-0.017	54.911	-0.018	54.937	0.007	54.957	0.003
49.978	-0.006	49.991	-0.006	50.012	-0.027	50.018	-0.048	54.990	0.002	55.017	-0.002	55.050	0.014	55.094	0.013
50.035	-0.044	50.057	-0.019	50.075	-0.019	50.103	-0.003	55.137	-0.017	55.158	0.025	55.194	0.021	55.222	-0.001
50.119	-0.007	50.127	-0.012	50.145	-0.025	50.162	-0.029	55.237	-0.010	55.262	-0.006	55.296	0.019	55.336	0.019
50.181	-0.017	50.213	-0.009	50.257	-0.022	50.298	-0.018	55.364	0.018	55.411	0.009	55.438	0.009	55.485	0.021
50.309	-0.014	50.337	-0.001	50.363	-0.010	50.391	-0.019	55.531	0.007	55.577	0.019	55.605	0.023	55.662	0.022
50.422	-0.015	50.441	-0.006	50.476	-0.011	50.500	-0.015	55.701	0.004	55.744	0.016	55.778	0.007	55.824	0.007
50.522	-0.007	50.544	-0.001	50.558	-0.003	50.572	-0.012	55.840	-0.019	55.866	0.035	55.886	0.018	55.919	-0.008
50.592	-0.029	50.608	-0.029	50.622	-0.025	50.650	-0.008	55.956	-0.005	55.984	0.016	56.002	-0.007	56.059	-0.003
50.669	0.0	50.691	-0.017	50.705	-0.017	50.723	-0.013	56.095	0.013	56.126	0.004	56.152	-0.005	56.185	-0.001
50.742	0.0	50.761	0.012	50.783	0.020	50.807	0.008	56.218	0.011	56.244	-0.007	56.283	-0.007	56.301	-0.003
50.824	-0.001	50.835	-0.010	50.857	-0.005	50.870	-0.001	56.341	0.004	56.357	0.013	56.400	0.020	56.441	0.033
50.891	0.003	50.896	0.020	50.922	0.028	50.934	0.015	56.475	0.007	56.480	0.007	56.529	0.015	56.550	0.006
50.952	0.006	50.968	0.019	50.978	0.019	50.998	0.015	56.591	0.010	56.624	0.023	56.657	0.014	56.687	0.014
51.005	0.019	51.026	0.027	51.041	0.023	51.057	0.006	56.704	0.005	56.722	0.001	56.750	0.017	56.796	-0.004
51.075	0.006	51.103	0.015	51.123	0.019	51.144	0.010	56.824	0.008	56.851	-0.009	56.875	0.003	56.897	0.003
51.162	0.002	51.182	-0.007	51.197	0.002	51.210	0.006	56.907	0.007	56.941	-0.010	56.973	-0.014	56.994	-0.002
51.234	0.014	51.262	0.018	51.280	0.014	51.305	0.001	57.026	-0.010	57.059	-0.015	57.085	-0.007	57.107	-0.015
51.323	0.001	51.348	0.006	51.371	0.018	51.402	0.027	57.148	0.005	57.178	-0.003	57.201	-0.003	57.237	-0.003
51.430	0.014	51.451	0.014	51.459	0.010	51.491	0.014	57.263	-0.008	57.293	0.001	57.339	0.0	57.372	0.0
51.512	-0.012	51.538	-0.003	51.564	0.018	51.578	0.005	57.415	0.017	57.450	0.017	57.479	0.008	57.506	0.008
51.596	0.013	51.615	-0.004	51.635	0.0	51.658	-0.001	57.521	0.008	57.547	0.016	57.587	-0.005	57.613	0.011
51.698	-0.006	51.721	-0.019	51.745	-0.002	51.765	-0.005	57.633	-0.002	57.664	0.019	57.692	0.010	57.720	-0.007
51.818	-0.012	51.823	-0.012	51.844	-0.008	51.865	-0.013	57.740	-0.003	57.764	0.013	57.786	0.026	57.813	0.025
51.895	-0.005	51.913	-0.006	51.938	-0.015	51.959	-0.024	57.841	0.008	57.863	0.016	57.886	0.029	57.904	0.028
51.972	-0.024	51.999	-0.012	52.025	-0.008	52.038	-0.017	57.930	0.024	57.952	0.019	57.984	0.018	58.016	0.022
52.051	-0.022	52.064	-0.022	52.084	-0.027	52.119	-0.032	58.035	0.009	58.060	-0.008	58.099	0.008	58.127	-0.009
52.132	-0.007	52.150	-0.012	52.165	-0.029	52.195	-0.038	58.159	0.007	58.182	-0.002	58.213	-0.007	58.244	-0.006
52.218	-0.013	52.241	-0.001	52.258	0.012	52.275	0.011	58.266	-0.012	58.307	0.0	58.340	0.008	58.380	-0.001

58.439	0.002	58.472	-0.015	58.500	0.001	58.536	0.013
58.567	0.0	58.596	-0.013	58.627	-0.005	58.660	0.016
58.687	0.003	58.707	-0.001	58.753	-0.014	58.801	0.006
58.823	-0.002	58.856	-0.007	58.892	-0.003	58.939	-0.008
58.967	-0.021	58.983	-0.021	59.018	-0.013	59.048	-0.021
59.088	-0.005	59.126	-0.022	59.159	-0.014	59.194	-0.001
59.224	-0.014	59.246	-0.027	59.287	-0.027	59.334	-0.006
59.374	-0.023	59.424	-0.006	59.457	-0.014	59.494	0.007
59.519	-0.001	59.537	-0.022	59.587	-0.014	59.623	-0.026
59.655	-0.022	59.690	-0.018	59.719	-0.022	59.771	-0.013
59.800	-0.009	59.835	0.008	59.861	-0.005	59.891	-0.018
59.923	-0.001	59.960	-0.001	59.986	0.003	60.016	-0.005
60.053	-0.002	60.093	0.011	60.127	-0.002	60.156	0.006
60.173	0.010	60.190	0.006	60.223	-0.007	60.249	-0.007
60.283	0.009	60.314	0.005	60.347	0.009	60.369	0.010
60.388	0.014	60.414	0.015	60.428	0.015		

IE074

71.047 4680 WILSHIRE, 6TH FLOOR 2/9/71 0600PST N15E

33444 POINTS 58.373 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3047 G/10.

047 4680 WILSHIRE, 6TH FLOOR 2/9/71 0600PST N15E									
444 POINTS 58.373 SECONDS									
MAILED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, D D A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.									
TITS ARE SEC, G/10.									
THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED THE ABOVE ALIGNMENT CORRECTION, IS 0.3047 G/10.									
TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.228	0.013	-0.292	0.029	-0.304	0.038	-0.191	1.178	0.110
0.053	0.184	0.059	0.365	0.069	0.765	0.075	1.018	1.200	-0.159
0.089	1.203	0.102	1.182	0.110	1.026	0.120	0.828	1.232	0.207
0.132	0.643	0.142	0.571	0.148	0.500	0.159	0.428	1.248	0.633
0.174	0.453	0.183	0.441	0.191	0.331	0.199	0.226	1.272	0.591
0.207	0.100	0.212	-0.031	0.217	-0.183	0.223	-0.284	1.295	0.898
0.226	0.410	0.228	-0.536	0.236	-0.823	0.244	-0.945	1.325	0.785
0.255	-1.054	0.261	-1.046	0.271	-0.974	0.276	-0.806	1.356	0.381
0.287	0.680	0.295	-0.646	0.305	-0.621	0.308	-0.663	1.370	-0.217
0.311	-0.873	0.317	-1.075	0.327	-1.143	0.338	-1.210	1.393	-0.857
0.346	-1.214	0.356	-1.101	0.365	-0.974	0.371	-0.835	1.420	-0.937
0.378	0.709	0.384	-0.427	0.389	-0.166	0.394	0.040	1.445	-0.524
0.400	0.251	0.405	0.386	0.410	0.563	0.415	0.689	1.470	-0.886
0.421	0.841	0.430	0.887	0.442	0.820	0.448	0.891	1.484	-1.328
0.454	1.060	0.461	1.207	0.470	1.300	0.483	1.401	1.513	-0.975
0.489	1.312	0.499	1.203	0.509	1.220	0.517	1.279	1.550	-0.743
0.525	1.325	0.534	1.211	0.540	0.993	0.545	0.862	1.612	-0.145
0.553	0.626	0.561	0.369	0.568	0.205	0.574	0.100	1.619	0.056
0.588	0.020	0.601	0.071	0.607	0.130	0.615	0.008	1.644	0.069
0.620	-0.152	0.628	-0.362	0.636	-0.565	0.639	-0.653	1.662	0.980
0.649	-0.914	0.656	-1.007	0.660	-1.150	0.668	-1.264	1.676	1.376
0.676	-1.378	0.684	-1.436	0.694	-1.344	0.707	-1.213	1.681	1.040
0.715	-1.095	0.721	-0.990	0.729	-0.872	0.734	-0.695	1.713	0.922
0.745	-0.552	0.752	-0.405	0.755	-0.240	0.761	-0.089	1.735	0.977
0.768	0.118	0.771	0.256	0.772	0.484	0.780	0.711	1.754	0.501
0.785	0.846	0.790	0.989	0.798	1.112	0.806	1.225	1.791	0.0
0.816	1.293	0.819	1.289	0.825	1.163	0.830	1.053	1.818	-0.770
0.838	0.931	0.843	0.834	0.849	0.708	0.854	0.586	1.844	-0.917
0.859	0.451	0.867	0.271	0.870	0.153	0.875	-0.054	1.850	-0.920
0.876	-0.302	0.883	-0.479	0.888	-0.546	0.894	-0.668	1.880	-0.462
0.897	-0.693	0.902	-0.655	0.907	-0.558	0.918	-0.449	1.912	-0.294
0.926	-0.360	0.937	-0.305	0.939	-0.314	0.950	-0.398	1.938	-0.508
0.957	-0.448	0.965	-0.448	0.971	-0.385	0.976	-0.317	1.971	-0.466
0.984	-0.220	0.989	-0.153	0.998	-0.048	1.008	0.071	2.019	-0.096
1.014	0.155	1.022	0.231	1.027	0.315	1.030	0.403	2.054	0.316
1.041	0.454	1.046	0.547	1.053	0.597	1.056	0.6		

2.780	-1.582	2.785	-1.704	2.800	-1.953	2.814	-2.029	4.475	-0.941	4.478	-1.013	4.487	-1.088	4.500	-1.130
2.825	-1.205	2.838	-2.176	2.846	-2.143	2.859	-1.970	4.507	-1.147	4.523	-1.062	4.540	-0.990	4.550	-0.877
2.872	-1.878	2.878	-1.735	2.889	-1.541	2.897	-1.411	4.556	-0.737	4.564	-0.603	4.574	-0.455	4.587	-0.316
2.904	-1.221	2.907	-1.205	2.920	-0.935	2.926	-0.784	4.595	-0.160	4.603	-0.017	4.613	0.144	4.626	0.262
2.928	-0.687	2.934	-0.502	2.941	-0.270	2.945	-0.115	4.635	0.376	4.640	0.490	4.646	0.696	4.653	0.898
2.952	0.041	2.957	0.268	2.960	0.470	2.966	0.740	4.661	1.042	4.671	1.096	4.680	1.181	4.691	1.248
2.973	1.014	2.979	1.195	2.982	1.658	2.987	2.180	4.693	1.236	4.703	1.165	4.707	1.085	4.712	0.975
3.005	2.395	3.016	2.412	3.022	2.205	3.029	2.071	4.717	0.866	4.725	0.736	4.732	0.643	4.738	0.508
3.037	1.911	3.043	1.633	3.050	1.245	3.061	1.123	4.747	0.441	4.748	0.323	4.754	0.206	4.757	-0.047
3.069	1.031	3.075	0.879	3.088	0.690	3.095	0.551	4.772	-0.156	4.780	-0.240	4.788	-0.312	4.796	-0.438
3.103	0.416	3.112	0.332	3.116	0.235	3.120	0.033	4.802	-0.568	4.807	-0.652	4.813	-0.766	4.820	-0.829
3.130	-0.207	3.141	-0.380	3.148	-0.409	3.154	-0.371	4.828	-0.917	4.833	-0.930	4.844	-0.838	4.855	-0.833
3.162	-0.413	3.170	-0.518	3.177	-0.628	3.187	-0.733	4.865	-0.955	4.867	-1.002	4.873	-1.094	4.883	-1.187
3.203	-0.842	3.204	-0.825	3.216	-0.842	3.224	-0.981	4.884	-1.259	4.895	-1.347	4.903	-1.431	4.908	-1.473
3.228	-1.023	3.237	-1.119	3.241	-1.178	3.251	-1.279	4.924	-1.334	4.936	-1.242	4.944	-1.137	4.955	-1.069
3.256	-1.308	3.267	-1.195	3.277	-1.077	3.282	-0.950	4.973	-0.968	4.989	-0.724	4.989	-0.463	4.990	-0.265
3.288	-0.836	3.301	-0.727	3.307	-0.676	3.316	-0.486	4.995	-0.215	5.008	0.037	5.019	0.189	5.024	0.265
3.320	-0.364	3.322	-0.213	3.327	0.010	3.333	0.128	5.035	0.441	5.038	0.580	5.048	0.740	5.056	0.875
3.345	0.339	3.348	0.452	3.353	0.444	3.357	0.326	5.061	0.976	5.075	1.060	5.090	1.144	5.101	1.207
3.366	0.263	3.370	0.238	3.377	0.351	3.383	0.465	5.106	1.223	5.114	1.240	5.127	1.139	5.136	0.991
3.391	0.570	3.399	0.667	3.409	0.768	3.425	0.890	5.144	0.886	5.146	0.810	5.152	0.654	5.165	0.503
3.433	0.940	3.441	0.999	3.449	1.041	3.456	0.978	5.167	0.448	5.178	0.326	5.186	0.241	5.197	0.165
3.459	0.936	3.464	0.780	3.475	0.616	3.477	0.553	5.199	0.052	5.207	-0.058	5.212	-0.197	5.220	-0.290
3.487	0.401	3.499	0.291	3.509	0.224	3.520	0.140	5.229	-0.366	5.239	-0.475	5.248	-0.572	5.252	-0.547
3.525	0.085	3.533	-0.021	3.543	-0.126	3.548	-0.181	5.265	-0.463	5.274	-0.421	5.285	-0.316	5.295	-0.249
3.557	-0.257	3.566	-0.249	3.572	-0.199	3.574	-0.199	5.301	-0.181	5.313	-0.110	5.324	0.003	5.332	0.210
3.583	-0.288	3.590	-0.338	3.595	-0.448	3.603	-0.545	5.340	0.319	5.348	0.458	5.354	0.597	5.361	0.715
3.611	-0.804	3.616	-0.621	3.624	-0.474	3.630	-0.411	5.367	0.870	5.377	1.038	5.390	1.139	5.398	1.186
3.641	-0.340	3.649	-0.323	3.656	-0.404	3.662	-0.488	5.406	1.240	5.412	1.248	5.418	1.198	5.425	1.143
3.667	-0.581	3.673	-0.724	3.677	-0.867	3.682	-0.943	5.431	1.084	5.441	0.983	5.450	0.878	5.452	0.835
3.686	-1.011	3.690	-1.066	3.694	-1.112	3.704	-1.171	5.460	0.688	5.466	0.596	5.473	0.482	5.482	0.368
3.707	-1.167	3.715	-1.100	3.728	-1.020	3.731	-0.962	5.489	0.305	5.495	0.267	5.502	0.221	5.508	0.175
3.738	-0.865	3.744	-0.659	3.751	-0.432	3.756	-0.171	5.515	0.082	5.519	-0.010	5.524	-0.094	5.527	-0.179
3.764	0.023	3.772	0.305	3.778	0.582	3.785	0.801	5.532	0.292	5.539	0.380	5.543	0.469	5.550	-0.540
3.791	1.016	3.796	1.264	3.804	1.399	3.812	1.428	5.558	-0.384	5.563	-0.313	5.569	-0.148	5.579	0.071
3.818	1.301	3.823	1.213	3.830	0.960	3.836	0.808	5.582	0.071	5.588	-0.043	5.595	-0.089	5.609	-0.295
3.844	0.707	3.851	0.593	3.860	0.551	3.873	0.555	5.623	-0.088	5.639	0.055	5.646	0.148	5.649	0.165
3.881	0.660	3.891	0.736	3.899	0.866	3.905	0.938	5.654	0.093	5.659	-0.024	5.662	-0.066	5.665	-0.163
3.907	0.963	3.913	0.790	3.920	0.617	3.928	0.419	5.673	-0.239	5.681	-0.327	5.691	-0.403	5.702	-0.478
3.933	0.297	3.941	0.120	3.947	-0.090	3.952	-0.271	5.705	-0.533	5.713	-0.604	5.723	-0.747	5.726	-0.823
3.960	-0.478	3.970	-0.579	3.976	-0.718	3.988	-0.920	5.732	-0.882	5.742	-0.987	5.745	-1.013	5.751	-1.080
3.992	-1.038	4.004	-1.185	4.008	-1.257	4.018	-1.287	5.753	-1.110	5.766	-0.975	5.780	-0.819	5.790	-0.718
4.025	-1.202	4.033	-1.097	4.039	-0.912	4.042	-0.824	5.801	-0.605	5.815	-0.491	5.820	-0.298	5.831	-0.016
4.055	-0.841	4.057	-0.980	4.062	-1.262	4.068	-1.472	5.839	0.140	5.855	0.270	5.857	0.397	5.863	0.590
4.074	-1.611	4.086	-1.759	4.092	-1.767	4.099	-1.574	5.875	0.700	5.886	0.775	5.897	0.817	5.903	0.691
4.103	-1.376	4.108	-1.195	4.113	-0.820	4.121	-0.568	5.911	0.649	5.923	0.311	5.931	0.501	5.943	0.421
4.126	-0.336	4.140	-0.138	4.145	0.085	4.158	0.320	5.947	0.366	5.953	0.311	5.961	0.231	5.967	0.139
4.161	0.388	4.171	0.463	4.176	0.556	4.179	0.564	5.972	0.042	5.980	-0.110	5.985	-0.202	5.995	-0.308
4.190	0.404	4.198	0.223	4.208	0.096	4.216	-0.034	5.999	-0.366	6.011	-0.455	6.019	-0.429	6.023	-0.366
4.222	-0.114	4.232	-0.089	4.242	0.100	4.245	0.163	6.028	-0.404	6.033	-0.463	6.039	-0.572	6.046	-0.652
4.250	0.319	4.256	0.487	4.262	0.647	4.272	0.731	6.049	-0.724	6.054	-0.774	6.059	-0.753	6.065	-0.580
4.285	0.879	4.290	0.992	4.295	1.093	4.306	1.211	6.071	-0.500	6.081	-0.433	6.086	-0.311	6.089	-0.218
4.317	1.118	4.332	1.042	4.336	1.008	4.344	0.954	6.095	-0.117	6.106	0.014	6.103	0.111	6.110	0.195
4.352	0.911	4.362	0.802	4.373	0.642	4.378	0.511	6.113	0.275	6.116	0.532	6.128	0.696	6.139	0.789
4.385	0.309	4.394	0.111	4.402	-0.150	4.412	-0.302	6.148	0.865	6.153	0.920	6.161	0.983	6.164	0.983
4.433	-0.407	4.441	-0.525	4.455	-0.706	4.467	-0.819	6.172	0.907	6.184	0.794	6.187	0.751	6.198	0.633

6.206	0.570	6.211	0.499	6.217	0.431	6.224	0.368	8.386	0.161	8.412	0.191	8.429	0.191	8.437	0.187
6.235	0.258	6.241	0.258	6.251	0.187	6.264	0.128	8.445	0.149	8.458	0.149	8.472	0.238	8.480	0.280
6.273	0.174	6.286	0.212	6.294	0.258	6.306	0.300	8.504	0.348	8.512	0.335	8.519	0.276	8.525	0.209
6.318	0.316	6.326	0.430	6.336	0.472	6.346	0.527	8.533	0.117	8.541	0.028	8.563	-0.068	8.578	-0.114
6.354	0.577	6.363	0.603	6.371	0.649	6.379	0.683	8.598	-0.164	8.614	-0.168	8.627	-0.215	8.645	-0.253
6.391	0.695	6.395	0.670	6.402	0.670	6.408	0.699	8.661	-0.290	8.672	-0.332	8.688	-0.374	8.704	-0.353
6.418	0.745	6.423	0.783	6.431	0.804	6.439	0.846	8.723	-0.269	8.733	-0.227	8.751	-0.160	8.767	-0.072
6.447	0.720	6.455	0.661	6.463	0.580	6.469	0.446	8.784	-0.043	8.793	0.037	8.813	0.113	8.823	0.201
6.476	0.336	6.482	0.226	6.492	0.109	6.501	-0.005	8.832	0.255	8.840	0.281	8.858	0.276	8.877	0.238
6.516	-0.127	6.524	-0.194	6.530	-0.215	6.541	-0.169	8.881	0.229	8.898	0.187	8.913	0.107	8.922	0.047
6.549	-0.135	6.553	-0.123	6.562	-0.198	6.572	-0.245	8.925	0.022	8.941	-0.079	8.951	-0.206	8.958	-0.311
6.578	-0.253	6.589	-0.215	6.596	-0.202	6.607	-0.173	8.972	-0.455	8.983	-0.556	8.999	-0.657	9.012	-0.784
6.613	-0.139	6.620	-0.097	6.629	0.012	6.634	0.063	9.020	-0.851	9.034	-0.927	9.049	-0.987	9.067	-0.970
6.639	0.189	6.647	0.370	6.653	0.476	6.660	0.602	9.083	-0.886	9.097	-0.811	9.115	-0.761	9.124	-0.660
6.666	0.728	6.674	0.851	6.685	0.948	6.698	1.023	9.131	-0.563	9.144	-0.479	9.156	-0.298	9.169	-0.146
6.705	1.011	6.717	0.906	6.725	0.817	6.735	0.758	9.182	0.026	9.195	0.152	9.206	0.346	9.214	0.540
6.743	0.598	6.749	0.472	6.757	0.295	6.767	0.119	9.219	0.653	9.230	0.788	9.246	0.935	9.256	1.087
6.780	0.039	6.789	-0.062	6.804	-0.189	6.812	-0.269	9.264	1.204	9.272	1.276	9.285	1.352	9.296	1.322
6.821	-0.374	6.829	-0.479	6.839	-0.572	6.845	-0.677	9.310	1.229	9.325	0.998	9.341	0.778	9.355	0.496
6.852	-0.732	6.864	-0.790	6.885	-0.820	6.900	-0.841	9.373	0.189	9.397	-0.039	9.413	-0.317	9.427	-0.498
6.908	-0.837	6.920	-0.774	6.933	-0.711	6.940	-0.682	9.443	-0.608	9.462	-0.688	9.485	-0.688	9.494	-0.675
6.948	-0.640	6.962	-0.611	6.973	-0.577	6.981	-0.539	9.509	-0.688	9.528	-0.583	9.547	-0.419	9.565	-0.305
6.991	-0.502	6.999	-0.451	7.007	-0.392	7.016	-0.304	9.573	-0.204	9.584	-0.091	9.591	-0.023	9.600	0.099
7.026	-0.229	7.031	-0.174	7.042	-0.099	7.052	-0.031	9.613	0.204	9.624	0.292	9.642	0.368	9.656	0.423
7.061	0.027	7.067	0.023	7.077	-0.024	7.083	-0.062	9.669	0.452	9.678	0.427	9.694	0.363	9.712	0.266
7.091	-0.087	7.101	-0.075	7.107	-0.037	7.120	0.022	9.730	0.169	9.744	0.034	9.754	-0.033	9.765	-0.126
7.131	0.072	7.144	0.051	7.160	0.063	7.166	0.054	9.777	-0.176	9.790	-0.269	9.809	-0.337	9.821	-0.379
7.177	0.037	7.185	0.012	7.192	-0.030	7.203	-0.073	9.832	-0.438	9.852	-0.513	9.867	-0.589	9.880	-0.572
7.214	-0.119	7.227	-0.132	7.241	-0.069	7.252	-0.039	9.896	-0.438	9.913	-0.358	9.927	-0.303	9.942	-0.147
7.267	-0.022	7.279	0.020	7.290	0.054	7.298	0.087	9.953	-0.063	9.961	0.059	9.969	0.118	9.980	0.245
7.303	0.096	7.313	0.142	7.314	0.146	7.321	0.100	9.995	0.329	10.003	0.396	10.010	0.421	10.018	0.367
7.325	0.045	7.330	0.007	7.343	-0.026	7.360	-0.030	10.025	0.337	10.038	-0.329	10.049	0.354	10.057	0.388
7.375	-0.047	7.387	-0.042	7.394	-0.101	7.405	-0.172	10.068	0.379	10.079	0.329	10.093	0.262	10.108	0.207
7.411	-0.214	7.419	-0.260	7.427	-0.323	7.440	-0.339	10.119	0.169	10.132	0.097	10.140	0.076	10.156	0.013
7.453	-0.284	7.462	-0.212	7.469	-0.170	7.478	-0.119	10.169	-0.033	10.183	-0.088	10.196	-0.134	10.204	-0.168
7.492	-0.026	7.504	0.025	7.513	0.055	7.526	0.047	10.217	-0.202	10.235	-0.164	10.257	-0.067	10.275	0.013
7.532	-0.003	7.537	-0.071	7.556	-0.058	7.570	-0.032	10.283	0.059	10.299	0.151	10.305	0.193	10.315	0.248
7.580	-0.028	7.594	0.023	7.599	0.095	7.610	0.171	10.331	0.332	10.345	0.395	10.363	0.454	10.379	0.500
7.618	0.238	7.628	0.310	7.636	0.369	7.644	0.373	10.395	0.525	10.416	0.579	10.429	0.646	10.440	0.689
7.650	0.327	7.661	0.226	7.671	0.078	7.682	-0.040	10.449	0.705	10.454	0.705	10.467	0.676	10.486	0.625
7.686	-0.111	7.699	-0.208	7.717	-0.209	7.737	-0.196	10.498	0.592	10.510	0.545	10.518	0.482	10.530	0.423
7.758	-0.167	7.774	-0.159	7.785	-0.112	7.795	-0.083	10.538	0.339	10.549	0.238	10.557	0.145	10.570	0.070
7.799	-0.104	7.812	-0.155	7.820	-0.205	7.833	-0.235	10.578	0.011	10.595	-0.023	10.605	-0.048	10.623	-0.052
7.844	-0.218	7.858	-0.164	7.864	-0.151	7.869	-0.181	10.634	0.011	10.655	0.087	10.665	0.125	10.678	0.163
7.872	-0.218	7.885	-0.269	7.890	-0.294	7.891	-0.295	10.699	0.192	10.710	0.180	10.723	0.184	10.730	0.201
7.915	-0.236	7.933	-0.227	7.939	-0.265	7.950	-0.286	10.752	0.231	10.759	0.243	10.768	0.252	10.780	0.268
7.958	-0.282	7.963	-0.211	7.974	-0.076	7.984	0.017	10.756	0.281	10.804	0.298	10.827	0.335	10.841	0.352
7.991	0.113	7.999	0.164	8.006	0.227	8.015	0.269	10.854	0.344	10.869	0.331	10.879	0.293	10.893	0.217
8.022	0.248	8.028	0.252	8.041	0.307	8.050	0.345	10.908	0.167	10.924	0.120	10.937	0.082	10.943	0.061
8.058	0.404	8.068	0.420	8.077	0.391	8.087	0.353	10.959	0.011	10.969	-0.023	10.984	-0.036	10.998	-0.040
8.101	0.232	8.111	0.222	8.112	0.180	8.130	0.083	11.008	-0.083	11.021	-0.142	11.035	-0.201	11.047	-0.264
8.144	-0.016	8.157	-0.051	8.163	-0.152	8.171	-0.207	11.055	-0.302	11.073	-0.416	11.084	-0.517	11.097	-0.580
8.178	-0.279	8.189	-0.367	8.195	-0.430	8.201	-0.468	11.108	-0.648	11.118	-0.690	11.128	-0.682	11.137	-0.631
8.209	-0.514	8.222	-0.565	8.230	-0.611	8.252	-0.615	11.152	-0.551	11.173	-0.451	11.186	-0.371	11.197	-0.304
8.267	-0.573	8.289	-0.497	8.293	-0.459	8.310	-0.337	11.211	-0.267	11.223	-0.110	11.228	-0.045	11.236	0.045
8.318	-0.257	8.340	-0.118	8.354	-0.033	8.366	0.064	11.250	0.167	11.268	0.260	11.287	0.365	11.302	0.411

11.305	0.398	11.324	0.373	11.337	0.348	11.350	0.314	14.754	-0.061	14.773	-0.027	14.789	0.002	14.805	0.019
11.365	0.246	11.373	0.188	11.382	0.137	11.397	0.091	14.824	0.049	14.843	0.078	14.858	0.079	14.882	0.070
11.411	0.044	11.421	-0.006	11.429	-0.057	11.435	-0.111	14.901	0.104	14.914	0.133	14.947	0.197	14.973	0.256
11.448	-0.162	11.463	-0.162	11.485	-0.137	11.492	-0.132	14.997	0.285	15.018	0.302	15.043	0.310	15.058	0.327
11.500	-0.107	11.511	-0.078	11.519	-0.040	11.531	0.003	15.071	0.348	15.095	0.402	15.119	0.402	15.146	0.402
11.539	0.024	11.558	0.070	11.571	0.100	11.579	0.129	15.159	0.398	15.170	0.364	15.193	0.313	15.204	0.275
11.585	0.150	11.590	0.142	11.508	0.104	11.624	0.066	15.228	0.225	15.249	0.170	15.267	0.136	15.291	0.098
11.635	0.012	11.641	-0.039	11.652	-0.089	11.664	-0.140	15.305	0.077	15.320	0.055	15.352	0.059	15.366	0.051
11.675	-0.199	11.681	-0.266	11.684	-0.283	11.694	-0.313	15.382	0.025	15.394	0.013	15.408	-0.008	15.427	-0.051
11.700	-0.348	11.713	-0.384	11.726	-0.418	11.740	-0.435	15.437	-0.068	15.456	-0.072	15.480	-0.081	15.497	-0.089
11.761	-0.451	11.773	-0.510	11.789	-0.557	11.812	-0.586	15.519	-0.077	15.537	-0.051	15.559	-0.034	15.577	-0.009
11.832	-0.590	11.847	-0.611	11.862	-0.599	11.877	-0.557	15.591	-0.013	15.609	-0.001	15.628	0.029	15.654	0.067
11.891	-0.494	11.909	-0.422	11.920	-0.350	11.934	-0.266	15.672	0.067	15.686	0.067	15.707	0.050	15.720	0.034
11.944	-0.190	11.955	-0.085	11.967	0.020	11.983	0.101	15.743	0.034	15.749	0.021	15.757	-0.004	15.772	-0.025
12.004	0.139	12.012	0.134	12.033	0.122	12.049	0.080	15.778	-0.042	15.789	-0.067	15.804	-0.067	15.815	-0.071
12.061	0.038	12.087	-0.013	12.104	-0.063	12.114	-0.101	15.833	-0.097	15.850	-0.109	15.860	-0.101	15.871	-0.088
12.130	-0.135	12.142	-0.172	12.155	-0.202	12.175	-0.223	15.884	-0.080	15.907	-0.067	15.923	-0.084	15.937	-0.088
12.196	-0.202	12.213	-0.189	12.229	-0.202	12.237	-0.177	15.945	-0.084	15.961	-0.067	15.981	-0.033	15.995	-0.042
12.248	-0.130	12.263	-0.076	12.277	-0.012	12.289	0.025	16.008	-0.042	16.023	-0.029	16.034	-0.033	16.045	-0.042
12.299	0.038	12.313	0.101	12.321	0.139	12.334	0.173	16.055	-0.054	16.071	-0.088	16.090	-0.105	16.109	-0.110
12.348	0.198	12.367	0.193	12.380	0.210	12.391	0.239	16.118	-0.093	16.132	-0.068	16.155	-0.026	16.180	-0.010
12.402	0.243	12.408	0.222	12.424	0.184	12.444	0.137	16.195	-0.010	16.212	-0.010	16.222	-0.011	16.259	-0.011
12.465	0.099	12.482	0.138	12.495	0.006	12.511	-0.041	16.283	0.010	16.306	0.005	16.320	0.001	16.344	0.0
12.525	-0.087	12.541	-0.138	12.549	-0.164	12.566	-0.214	16.365	0.0	16.386	0.012	16.406	0.054	16.414	0.054
12.576	-0.252	12.587	-0.278	12.598	-0.282	12.611	-0.245	16.426	0.037	16.446	0.019	16.460	0.028	16.480	0.049
12.622	-0.024	12.636	-0.199	12.647	-0.165	12.658	-0.136	16.489	0.044	16.502	0.032	16.515	0.011	16.536	0.011
12.676	-0.090	12.700	-0.053	12.709	-0.049	12.728	-0.033	16.544	0.015	16.557	0.015	16.568	-0.010	16.592	-0.036
12.739	-0.045	12.757	-0.028	12.769	-0.008	12.789	0.017	16.611	-0.040	16.626	-0.040	16.640	-0.048	16.647	-0.053
12.803	0.038	12.817	0.072	12.836	0.076	12.852	0.089	16.666	-0.057	16.677	-0.073	16.701	-0.073	16.716	-0.064
12.865	0.118	12.882	0.148	12.887	0.143	12.898	0.127	16.722	-0.081	16.733	-0.102	16.743	-0.115	16.756	-0.110
12.919	0.118	12.933	0.160	12.944	0.194	12.962	0.240	16.767	-0.093	16.788	-0.085	16.812	-0.080	16.836	-0.050
12.976	0.270	12.987	0.303	13.005	0.320	13.011	0.320	16.850	-0.029	16.865	-0.012	16.882	-0.008	16.895	-0.020
13.025	0.299	13.036	0.270	13.051	0.240	13.062	0.215	16.908	-0.045	16.927	-0.058	16.946	-0.062	16.954	-0.074
13.076	0.219	13.095	0.249	13.114	0.278	13.125	0.282	16.966	-0.099	16.974	-0.116	16.985	-0.141	16.998	-0.171
13.151	0.308	13.167	0.329	13.178	0.342	13.192	0.371	17.010	-0.204	17.019	-0.225	17.030	-0.246	17.041	-0.271
13.203	0.392	13.223	0.401	13.240	0.371	13.258	0.321	17.049	-0.297	17.062	-0.322	17.075	-0.305	17.092	-0.288
13.275	0.249	13.291	0.174	13.305	0.068	13.310	0.031	17.097	-0.262	17.110	-0.224	17.132	-0.199	17.145	-0.165
13.326	-0.024	13.355	-0.087	13.387	-0.121	13.407	-0.151	17.158	-0.136	17.175	-0.081	17.188	-0.043	17.209	-0.010
13.433	-0.151	13.461	-0.117	13.479	-0.088	13.501	-0.054	17.225	0.015	17.242	0.045	17.261	0.074	17.279	0.099
13.517	-0.054	13.535	-0.084	13.552	-0.092	13.562	-0.109	17.300	0.108	17.316	0.091	17.330	0.057	17.344	0.040
13.573	-0.139	13.586	-0.172	13.609	-0.185	13.619	-0.168	17.357	0.019	17.367	0.006	17.387	-0.003	17.413	0.027
13.636	-0.164	13.655	-0.160	13.670	-0.126	13.689	-0.089	17.427	0.052	17.438	0.098	17.451	0.123	17.461	0.153
13.700	-0.097	13.719	-0.114	13.728	-0.140	13.749	-0.182	17.478	0.157	17.493	0.139	17.523	0.119	17.534	0.123
13.757	-0.199	13.774	-0.228	13.790	-0.224	13.749	-0.182	17.553	0.106	17.564	0.089	17.580	0.076	17.599	0.063
13.838	-0.145	13.852	-0.115	13.873	-0.069	13.816	-0.011	17.617	0.058	17.634	0.070	17.647	0.074	17.662	0.095
13.911	0.040	13.933	0.090	13.943	0.120	13.962	0.132	17.679	0.116	17.700	0.115	17.719	0.094	17.725	0.073
13.985	0.191	14.004	0.241	14.023	0.304	14.036	0.334	17.733	0.043	17.749	0.013	17.762	-0.012	17.784	-0.021
14.049	0.069	14.074	0.393	14.092	0.355	14.119	0.283	17.795	-0.017	17.813	-0.009	17.835	-0.005	17.868	-0.018
14.138	0.229	14.157	0.157	14.176	0.069	14.193	0.014	17.889	-0.023	17.903	-0.036	17.926	-0.041	17.942	-0.041
14.215	-0.054	14.239	-0.100	14.271	-0.091	14.296	-0.100	17.967	-0.067	17.980	-0.053	17.999	-0.046	18.010	-0.009
14.317	-0.108	14.346	-0.091	14.362	-0.104	14.378	-0.113	18.023	0.034	18.029	0.065	18.045	0.093	18.074	0.105
14.400	-0.100	14.409	-0.108	14.420	-0.150	14.435	-0.180	18.093	0.080	18.107	0.055	18.125	0.043	18.151	0.060
14.457	-0.171	14.476	-0.150	14.492	-0.154	14.506	-0.167	18.169	-0.064	18.183	0.060	18.194	0.044	18.213	0.006
14.530	-0.184	14.545	-0.209	14.565	-0.234	14.586	-0.259	18.232	-0.023	18.251	-0.035	18.267	-0.027	18.288	-0.009
14.608	-0.239	14.629	-0.238	14.648	-0.200	14.672	-0.179	18.309	-0.005	18.329	-0.009	18.344	0.008	18.355	0.034
14.686	-0.149	14.696	-0.124	14.710	-0.107	14.731	-0.086	18.366	0.050	18.380	0.050	18.402	0.033	18.418	0.033

18.436	0.046	18.456	0.050	18.474	0.033	18.480	0.020	22.125	0.097	22.141	0.076	22.170	0.055	22.192	0.034
18.501	-0.018	18.513	-0.056	18.525	-0.077	18.544	-0.107	22.211	0.013	22.230	-0.009	22.251	0.017	22.272	0.017
18.566	-0.128	18.582	-0.133	18.599	-0.121	18.621	-0.126	22.291	-0.012	22.304	-0.033	22.326	-0.067	22.348	-0.072
18.636	-0.131	18.655	-0.106	18.672	-0.052	18.686	0.011	22.364	-0.068	22.384	-0.044	22.404	-0.015	22.423	0.022
18.706	0.060	18.713	0.094	18.725	0.157	18.729	0.186	22.443	0.046	22.466	0.075	22.487	0.095	22.508	0.128
18.747	0.227	18.767	0.252	18.780	0.268	18.802	0.293	22.524	0.139	22.543	0.168	22.568	0.158	22.589	0.128
18.814	0.292	18.826	0.267	18.844	0.207	18.861	0.148	22.613	0.093	22.634	0.058	22.653	0.016	22.674	-0.026
18.871	0.080	18.890	0.021	18.901	-0.026	18.922	-0.068	22.690	-0.064	22.709	-0.115	22.728	-0.148	22.742	-0.174
18.950	-0.068	18.964	-0.106	18.987	-0.135	19.003	-0.126	22.763	-0.161	22.776	-0.136	22.792	-0.115	22.811	-0.089
19.025	-0.126	19.049	-0.126	19.068	-0.101	19.080	-0.084	22.838	-0.076	22.851	-0.042	22.875	-0.042	22.897	-0.046
19.101	-0.088	19.122	-0.071	19.142	-0.054	19.163	-0.049	22.915	-0.029	22.934	-0.037	22.951	-0.053	22.974	-0.078
19.189	-0.040	19.197	-0.032	19.214	-0.007	19.230	0.019	22.996	-0.095	23.014	-0.112	23.034	-0.137	23.060	-0.125
19.249	0.032	19.276	0.053	19.276	0.066	19.289	0.062	23.079	-0.108	23.098	-0.096	23.121	-0.084	23.151	-0.071
19.298	0.049	19.322	0.041	19.340	0.054	19.352	0.058	23.177	-0.046	23.194	-0.030	23.218	-0.013	23.244	0.012
19.376	0.062	19.391	0.083	19.408	0.078	19.421	0.057	23.261	0.037	23.287	0.049	23.317	0.066	23.349	0.061
19.516	-0.007	19.542	0.039	19.564	0.081	19.582	0.101	23.369	0.044	23.394	0.022	23.413	0.001	23.426	-0.008
19.599	0.101	19.617	0.101	19.626	0.092	19.645	0.063	23.497	-0.117	23.524	-0.109	23.543	-0.092	23.554	-0.092
19.664	0.012	19.675	0.003	19.694	0.003	19.720	0.020	23.585	-0.066	23.604	-0.045	23.620	-0.003	23.633	0.039
19.729	0.020	19.748	0.071	19.764	0.109	19.777	0.138	23.727	0.082	23.742	0.162	23.759	0.150	23.774	0.145
19.794	0.151	19.810	0.151	19.837	0.151	19.848	0.155	23.791	0.087	23.812	0.062	23.828	0.037	23.842	-0.005
19.869	0.184	19.880	0.189	19.898	0.201	19.917	0.172	23.855	-0.039	23.879	-0.080	23.900	-0.131	23.908	-0.152
19.937	0.130	19.955	0.087	19.969	0.041	19.983	-0.005	23.929	-0.177	23.953	-0.176	23.969	-0.151	23.990	-0.121
19.996	-0.039	20.013	-0.090	20.031	-0.145	20.044	-0.208	24.009	-0.104	24.022	-0.075	24.039	-0.045	24.057	-0.024
20.058	-0.255	20.085	-0.284	20.101	-0.289	20.123	-0.289	24.073	-0.012	24.092	0.013	24.110	0.038	24.129	0.055
20.134	-0.260	20.158	-0.209	20.175	-0.155	20.194	-0.134	24.148	0.042	24.168	0.021	24.192	0.021	24.206	0.017
20.210	-0.109	20.228	-0.042	20.242	0.0	20.256	0.047	24.220	-0.009	24.238	-0.026	24.260	-0.017	24.283	-0.022
20.272	0.084	20.285	0.135	20.299	0.168	20.310	0.181	24.302	-0.039	24.310	-0.039	24.328	-0.010	24.352	0.028
20.332	0.223	20.351	0.252	20.367	0.273	20.374	0.260	24.369	0.066	24.385	0.095	24.413	0.125	24.440	0.124
20.390	0.227	20.401	0.180	20.415	0.121	20.429	0.079	24.459	0.107	24.472	0.090	24.491	0.036	24.513	-0.011
20.437	0.050	20.453	-0.009	20.466	-0.051	20.477	-0.076	24.539	-0.057	24.561	-0.079	24.589	-0.091	24.609	-0.108
20.490	-0.093	20.505	-0.085	20.521	-0.068	20.536	-0.068	24.624	-0.121	24.643	-0.108	24.664	-0.091	24.686	-0.070
20.548	-0.076	20.566	-0.059	20.574	-0.042	20.590	-0.021	24.701	-0.049	24.713	-0.015	24.731	0.031	24.745	0.056
20.607	0.013	20.618	0.042	20.637	0.076	20.644	0.089	24.768	0.082	24.782	0.094	24.798	0.120	24.814	0.120
20.663	0.093	20.679	0.080	20.691	0.055	20.712	0.055	24.833	0.103	24.851	0.086	24.859	0.074	24.881	0.065
20.729	0.064	20.742	0.055	20.757	0.051	20.768	0.060	24.904	0.027	24.918	0.011	24.940	-0.015	24.964	-0.031
20.774	0.056	20.788	0.035	20.795	0.022	20.807	-0.012	24.990	-0.061	25.014	-0.069	25.040	-0.073	25.057	-0.052
20.815	-0.024	20.838	-0.028	20.847	-0.033	20.857	-0.054	25.086	-0.048	25.110	-0.031	25.134	-0.005	25.148	0.004
20.869	-0.070	20.882	-0.091	20.895	-0.087	20.906	-0.062	25.167	0.025	25.178	0.038	25.198	0.063	25.223	0.059
20.923	-0.041	20.939	-0.041	20.955	-0.033	20.968	-0.007	25.250	0.068	25.273	0.093	25.281	0.110	25.297	0.127
20.984	0.014	20.997	0.018	21.020	0.031	21.044	0.047	25.322	0.145	25.346	0.128	25.367	0.116	25.383	0.116
21.057	0.043	21.090	0.047	21.114	0.043	21.137	0.025	25.404	0.129	25.424	0.142	25.447	0.134	25.475	0.101
21.145	0.021	21.165	-0.004	21.181	-0.026	21.189	-0.055	25.498	0.068	25.510	0.047	25.525	0.030	25.546	0.005
21.207	-0.076	21.221	-0.085	21.247	-0.081	21.266	-0.077	25.560	-0.007	25.574	-0.024	25.593	-0.049	25.614	-0.083
21.297	-0.078	21.324	-0.048	21.344	-0.028	21.364	-0.011	25.633	-0.108	25.644	-0.121	25.673	-0.125	25.698	-0.091
21.394	-0.004	21.408	-0.021	21.426	-0.030	21.442	-0.022	25.714	-0.087	25.730	-0.066	25.751	-0.049	25.775	-0.033
21.445	-0.014	21.460	0.015	21.487	0.032	21.509	0.060	25.792	-0.029	25.818	-0.009	25.832	0.004	25.861	0.020
21.533	0.080	21.548	0.071	21.557	0.050	21.575	0.032	25.881	-0.066	25.896	-0.011	25.913	-0.015	25.937	-0.041
21.586	-0.029	21.605	-0.002	21.623	-0.036	21.642	-0.037	25.953	-0.062	25.978	-0.113	25.999	-0.122	26.016	-0.114
21.661	-0.029	21.680	-0.033	21.708	-0.030	21.722	-0.021	26.040	-0.098	26.059	-0.082	26.090	-0.040	26.105	-0.028
21.736	-0.022	21.751	-0.030	21.772	-0.030	21.786	-0.012	26.136	-0.021	26.156	-0.016	26.186	0.0	26.204	-0.008
21.808	0.017	21.821	0.034	21.834	0.038	21.853	0.022	26.235	-0.021	26.256	-0.043	26.264	-0.043	26.280	-0.056
21.866	-0.012	21.879	-0.037	21.888	-0.062	21.898	-0.091	26.304	-0.052	26.320	-0.039	26.344	-0.023	26.366	0.015
21.917	-0.091	21.924	-0.082	21.945	-0.057	21.969	-0.027	26.382	-0.027	26.407	0.032	26.437	0.077	26.461	0.107
21.986	0.016	22.001	0.033	22.021	0.063	22.047	0.080	26.496	0.132	26.517	0.139	26.536	0.139	26.560	0.155
22.068	0.097	22.087	0.127	22.106	0.139	22.111	0.131								

26.588	0.120	26.600	0.116	26.628	0.081	26.638	0.072	30.319	0.052	30.329	0.018	30.333	-0.007	30.343	-0.024
26.662	0.038	26.687	0.020	26.703	-0.010	26.721	-0.035	30.357	-0.032	30.372	-0.024	30.391	-0.020	30.403	-0.029
26.740	-0.027	26.757	-0.036	26.778	-0.066	26.799	-0.058	30.416	-0.058	30.440	-0.071	30.466	-0.075	30.483	-0.083
26.823	-0.042	26.839	-0.038	26.854	-0.017	26.874	-0.012	30.510	-0.046	30.525	-0.004	30.536	0.025	30.556	-0.054
26.891	0.041	26.905	0.050	26.920	0.062	26.934	0.083	30.585	0.050	30.593	0.041	30.606	0.029	30.615	0.011
26.952	0.117	26.963	0.130	26.977	0.142	26.996	0.159	30.628	0.032	30.649	0.032	30.668	0.006	30.676	-0.028
27.017	0.159	27.038	0.125	27.058	0.096	27.074	0.071	30.687	-0.070	30.709	-0.083	30.739	-0.088	30.757	-0.110
27.090	0.045	27.106	0.007	27.133	-0.001	27.146	-0.022	30.771	-0.081	30.782	-0.063	30.800	-0.039	30.809	-0.035
27.160	-0.043	27.178	-0.035	27.200	-0.030	27.219	-0.026	30.820	-0.031	30.841	-0.023	30.866	-0.001	30.892	-0.026
27.244	-0.006	27.267	0.011	27.289	0.011	27.314	0.023	30.906	0.022	30.928	0.017	30.941	0.042	30.955	0.046
27.340	0.019	27.362	0.006	27.389	0.014	27.406	0.018	30.974	0.028	30.987	0.037	31.001	0.024	31.017	-0.006
27.427	0.026	27.454	0.025	27.473	0.008	27.497	-0.005	31.030	-0.028	31.055	-0.028	31.079	-0.041	31.105	-0.055
27.522	-0.002	27.543	0.002	27.555	0.006	27.581	0.027	31.133	-0.055	31.159	-0.052	31.186	-0.040	31.200	-0.023
27.609	0.026	27.628	0.005	27.649	0.009	27.669	0.034	31.205	-0.023	31.233	-0.024	31.249	0.001	31.259	0.051
27.695	0.046	27.717	0.096	27.735	0.113	27.748	0.104	31.271	0.085	31.278	0.093	31.298	0.088	31.311	0.080
27.769	0.079	27.786	0.058	27.792	0.045	27.814	0.011	31.317	0.092	31.333	0.100	31.348	0.117	31.359	0.100
27.827	-0.015	27.862	-0.048	27.888	-0.065	27.915	-0.053	31.368	0.091	31.381	0.087	31.406	0.086	31.419	0.090
27.932	-0.040	27.951	-0.032	27.977	-0.002	27.996	0.011	31.433	0.077	31.448	0.047	31.457	0.022	31.487	0.004
28.022	0.048	28.048	0.065	28.070	0.061	28.104	0.062	31.513	-0.030	31.533	-0.026	31.544	-0.043	31.554	-0.065
28.109	0.057	28.123	0.015	28.141	-0.031	28.158	-0.052	31.567	-0.052	31.579	-0.044	31.589	-0.015	31.595	0.014
28.178	-0.068	28.210	-0.089	28.227	-0.118	28.238	-0.122	31.603	0.031	31.627	0.034	31.647	0.060	31.665	0.059
28.249	-0.118	28.279	-0.088	28.306	-0.063	28.327	-0.054	31.682	0.046	31.700	0.034	31.712	0.054	31.731	0.071
28.344	-0.038	28.369	-0.004	28.383	0.017	28.406	0.071	31.747	0.062	31.766	0.062	31.784	0.058	31.800	0.049
28.424	0.101	28.450	0.113	28.472	0.113	28.500	0.096	31.819	0.028	31.831	-0.019	31.861	-0.019	31.879	-0.024
28.521	0.067	28.536	0.037	28.551	0.007	28.574	-0.043	31.912	-0.041	31.941	-0.058	31.998	-0.068	32.040	-0.026
28.593	-0.073	28.619	-0.073	28.650	-0.073	28.672	-0.073	32.079	-0.006	32.104	-0.006	32.142	-0.006	32.160	-0.010
28.707	-0.057	28.734	-0.048	28.753	-0.031	28.777	-0.014	32.173	-0.010	32.192	0.010	32.206	0.002	32.220	-0.032
28.799	-0.009	28.815	-0.018	28.834	-0.017	28.856	-0.008	32.234	-0.049	32.259	-0.041	32.266	-0.028	32.292	0.010
28.866	0.004	28.892	-0.004	28.911	-0.008	28.926	-0.013	32.318	0.001	32.334	0.001	32.335	0.022	32.343	0.047
28.938	-0.017	28.956	-0.021	28.973	0.0	28.994	0.026	32.352	0.085	32.362	0.093	32.374	0.097	32.387	0.080
29.010	0.051	29.027	0.076	29.032	0.089	29.043	0.080	32.404	0.085	32.423	0.114	32.435	0.114	32.443	0.097
29.067	0.068	29.083	0.059	29.097	0.072	29.108	0.085	32.461	0.084	32.475	0.055	32.492	0.025	32.519	-0.005
29.119	0.051	*29.141	-0.029	29.154	-0.054	29.158	-0.080	32.539	-0.038	32.563	-0.081	32.586	-0.114	32.615	-0.132
29.166	-0.088	29.174	-0.084	29.184	-0.080	29.201	-0.080	32.643	-0.132	32.662	-0.119	32.689	-0.119	32.708	-0.073
29.211	-0.080	29.222	-0.063	29.231	-0.055	29.242	-0.029	32.720	-0.052	32.746	-0.019	32.763	0.040	32.785	0.086
29.250	-0.008	29.256	0.013	29.266	0.034	29.274	0.017	32.828	0.095	32.836	0.078	32.859	0.065	32.877	0.056
29.282	-0.008	29.293	-0.025	29.301	-0.042	29.310	-0.025	32.884	0.031	32.914	-0.003	32.927	0.018	32.937	-0.003
29.323	-0.013	29.332	0.013	29.357	0.038	29.367	0.055	32.954	-0.012	32.967	-0.037	32.985	-0.071	33.006	-0.079
29.392	0.059	29.408	0.075	29.416	0.075	29.432	0.059	33.022	-0.096	33.049	-0.080	33.080	-0.021	33.113	0.046
29.449	0.042	29.468	0.033	29.484	0.033	29.498	0.033	33.142	0.080	33.163	0.109	33.182	0.142	33.196	0.171
29.512	0.025	29.520	0.012	29.539	-0.005	29.556	-0.034	33.207	0.171	33.228	0.167	33.248	0.149	33.285	0.073
29.569	-0.051	29.579	-0.068	29.588	-0.072	29.607	-0.060	33.304	0.123	33.337	-0.046	33.369	-0.085	33.390	-0.110
29.620	-0.039	29.629	-0.026	29.637	-0.030	29.650	-0.043	33.417	-0.123	33.449	-0.099	33.472	-0.078	33.491	-0.024
29.664	-0.060	29.677	-0.043	29.697	-0.035	29.708	-0.022	33.515	0.022	33.538	0.043	33.565	0.089	33.593	0.088
29.721	-0.026	29.735	-0.026	29.746	-0.014	29.754	0.029	33.636	0.079	33.663	0.053	33.695	0.011	33.717	-0.027
29.765	0.054	29.778	0.066	29.791	0.066	29.803	0.041	33.738	-0.070	33.761	-0.070	33.777	-0.100	33.797	-0.092
29.817	0.012	29.830	-0.001	29.843	-0.014	29.863	-0.022	33.812	-0.062	33.826	-0.079	33.837	-0.092	33.861	-0.059
29.879	-0.089	29.889	-0.119	29.901	-0.136	29.911	-0.119	33.883	-0.017	33.907	0.108	33.933	0.063	33.950	0.088
29.927	-0.106	29.936	-0.085	29.939	-0.073	29.949	-0.060	33.977	0.096	33.997	0.108	34.016	0.108	34.040	0.053
29.960	-0.073	29.976	-0.085	29.985	-0.106	29.999	-0.085	34.070	0.006	34.092	-0.041	34.111	-0.066	34.142	-0.091
30.009	-0.060	30.034	-0.014	30.053	0.045	30.058	0.294	34.171	-0.104	34.186	-0.108	34.207	-0.078	34.231	-0.057
30.063	0.159	30.071	0.201	30.074	0.256	30.082	0.104	34.263	-0.002	34.285	0.044	34.306	0.070	34.329	0.112
30.094	0.306	30.110	0.277	30.120	0.252	30.126	0.201	34.346	0.108	34.367	0.116	34.394	0.096	34.415	0.062
30.133	0.172	30.158	0.167	30.172	0.163	30.190	0.146	34.442	0.020	34.474	-0.034	34.501	-0.076	34.531	0.062
30.198	0.125	30.219	0.125	30.243	0.124	30.265	0.116	34.555	-0.097	34.584	-0.084	34.614	-0.042	34.654	0.017
30.274	0.065	30.279	0.023	30.297	0.040	30.311	0.065	34.667	0.038	34.686	0.046	34.705	0.059	34.724	0.072

34.744	0.072	34.762	0.072	34.787	0.051	34.810	0.042	40.621	-0.106	40.634	-0.123	40.653	-0.124	40.673	-0.107
34.827	0.025	34.851	0.021	34.878	-0.021	34.902	-0.038	40.684	-0.090	40.700	-0.065	40.719	-0.028	40.735	-0.011
34.929	-0.050	34.957	-0.050	34.991	-0.042	35.013	-0.025	40.762	-0.014	40.783	-0.039	40.808	-0.026	40.835	-0.009
35.034	-0.025	35.059	-0.017	35.086	-0.009	35.103	-0.025	40.866	-0.004	40.893	-0.009	40.918	-0.034	40.955	-0.035
35.143	0.020	35.166	0.007	35.188	-0.010	35.206	-0.019	40.976	-0.048	40.998	-0.048	41.017	-0.044	41.033	-0.027
35.227	-0.032	35.246	-0.032	35.270	-0.062	35.286	-0.062	41.057	-0.011	41.080	-0.028	41.102	-0.045	41.138	-0.042
35.316	-0.054	35.348	-0.038	35.387	0.007	35.417	0.053	41.183	-0.030	41.218	-0.030	41.259	-0.014	41.311	-0.014
35.451	0.103	35.469	0.123	35.488	0.123	35.521	0.110	41.367	-0.034	41.444	-0.025	41.444	-0.012	41.481	-0.010
35.540	-0.089	35.565	-0.076	35.585	-0.037	35.611	-0.007	41.527	-0.019	41.563	-0.008	41.603	0.021	41.634	0.055
35.630	-0.035	35.655	-0.060	35.677	-0.069	35.712	-0.070	41.661	-0.067	41.698	-0.062	41.722	-0.054	41.749	0.045
35.748	-0.070	35.778	-0.058	35.796	-0.033	35.823	0.001	41.771	0.015	41.789	-0.010	41.816	-0.032	41.850	-0.032
35.843	0.021	35.872	0.013	35.901	0.012	35.925	0.016	41.865	-0.032	41.895	-0.020	41.935	0.009	41.959	0.034
35.947	0.020	35.970	0.028	35.997	0.011	36.023	-0.014	41.973	0.051	41.998	-0.063	42.016	0.080	42.043	0.076
36.049	-0.027	36.073	-0.053	36.102	-0.066	36.182	-0.062	42.065	0.067	42.094	0.025	42.116	0.024	42.133	0.016
36.233	-0.053	36.252	-0.036	36.278	-0.007	36.318	0.014	42.146	-0.003	42.162	-0.009	42.179	-0.009	42.200	-0.022
36.350	0.023	36.362	0.006	36.382	0.006	36.410	0.006	42.217	-0.043	42.261	-0.060	42.274	-0.056	42.287	-0.035
36.439	0.006	36.460	-0.011	36.484	-0.023	36.518	-0.023	42.306	-0.018	42.326	0.003	42.345	0.024	42.368	0.037
36.581	-0.015	36.655	-0.015	36.704	-0.015	36.728	-0.032	42.394	0.037	42.409	0.037	42.437	0.037	42.470	0.024
36.752	-0.028	36.773	-0.019	36.786	0.002	36.807	-0.011	42.491	0.016	42.512	0.016	42.527	0.003	42.548	-0.001
36.831	-0.024	36.855	-0.036	36.882	-0.049	36.923	-0.066	42.567	-0.026	42.591	-0.026	42.603	-0.043	42.627	-0.035
36.965	-0.066	36.976	-0.074	37.019	-0.074	37.054	-0.075	42.644	-0.031	42.668	-0.022	42.692	-0.023	42.706	-0.027
37.080	-0.049	37.112	-0.037	37.134	-0.016	37.166	0.013	42.732	0.002	42.751	0.019	42.775	0.040	42.794	0.044
37.198	0.017	37.229	0.021	37.255	0.038	37.274	0.063	42.831	0.031	42.852	0.027	42.877	0.014	42.899	0.010
37.294	0.092	37.314	0.092	37.334	0.075	37.352	0.062	42.915	0.006	42.924	-0.016	42.943	-0.028	42.962	-0.028
37.379	0.045	37.398	0.020	37.415	-0.014	37.441	-0.044	42.990	-0.016	43.017	-0.016	43.031	-0.012	43.050	-0.012
37.468	-0.086	37.480	-0.099	37.496	-0.090	37.517	-0.070	43.070	-0.012	43.088	-0.021	43.102	-0.021	43.122	-0.021
37.536	-0.032	37.563	-0.003	37.587	-0.003	37.620	0.031	43.154	-0.017	43.176	-0.018	43.195	-0.009	43.213	-0.010
37.642	0.047	37.664	0.034	37.686	0.043	37.707	0.055	43.234	-0.006	43.261	0.007	43.281	0.011	43.301	0.010
37.721	0.042	37.738	0.025	37.751	0.029	37.774	0.055	43.322	0.010	43.336	0.006	43.353	-0.003	43.367	-0.012
37.789	0.033	37.825	0.041	37.838	0.054	37.860	0.029	43.388	-0.012	43.408	-0.004	43.427	-0.004	43.460	-0.013
37.890	-0.014	37.901	-0.014	37.921	-0.018	37.938	-0.023	43.477	-0.013	43.498	-0.034	43.517	-0.043	43.540	-0.047
37.965	-0.006	37.990	0.002	38.008	0.002	38.020	-0.011	43.580	-0.048	43.617	-0.044	43.647	-0.040	43.683	-0.045
38.041	-0.019	38.072	0.001	38.096	0.018	38.147	0.018	43.699	-0.032	43.713	-0.015	43.735	-0.003	43.756	-0.003
38.188	0.017	38.230	0.029	38.262	0.029	38.303	0.028	43.770	0.014	43.782	-0.009	43.801	-0.004	43.829	-0.021
38.319	0.011	38.357	0.011	38.382	0.019	38.420	0.018	43.845	-0.038	43.873	-0.055	43.895	-0.063	43.911	-0.080
38.442	0.018	38.477	0.017	38.498	0.0	38.515	-0.021	43.933	-0.093	43.952	-0.093	43.979	-0.093	43.993	-0.089
38.536	-0.004	38.552	0.004	38.577	0.012	38.604	0.003	44.012	-0.077	44.027	-0.043	44.045	-0.014	44.062	0.007
38.628	0.024	38.640	0.028	38.659	0.023	38.675	-0.007	44.089	0.011	44.112	0.023	44.138	0.023	44.160	0.011
38.701	0.001	38.758	0.008	38.798	0.011	38.837	0.002	44.188	0.006	44.242	0.006	44.274	0.023	44.298	0.031
38.871	0.001	38.905	-0.012	38.932	-0.013	38.972	-0.018	44.323	0.031	44.352	0.027	44.373	0.027	44.387	0.018
38.999	-0.023	39.023	-0.019	39.048	-0.007	39.069	-0.008	44.400	0.014	44.409	-0.003	44.433	0.010	44.473	0.010
39.086	0.021	39.110	0.021	39.145	0.020	39.177	0.015	44.503	0.006	44.540	0.010	44.594	0.001	44.637	0.001
39.190	0.003	39.207	-0.015	39.220	-0.019	39.239	-0.019	44.674	0.001	44.699	0.009	44.719	0.022	44.736	0.022
39.256	-0.028	39.267	-0.041	39.285	-0.067	39.312	-0.080	44.757	0.038	44.802	-0.038	44.823	-0.038	44.823	0.025
39.313	-0.092	39.326	-0.093	39.339	-0.114	39.359	-0.110	44.865	0.017	44.894	-0.004	44.926	-0.004	44.961	-0.005
39.378	-0.089	39.402	-0.077	39.429	-0.078	39.454	-0.066	44.982	0.012	45.003	0.033	45.026	0.046	45.054	0.046
39.478	-0.062	39.500	-0.037	39.529	-0.021	39.545	0.017	45.106	0.054	45.138	0.049	45.173	0.048	45.199	0.027
39.569	0.025	39.584	0.033	39.605	0.033	39.631	0.028	45.220	0.014	45.244	0.001	45.265	0.001	45.289	0.017
39.651	0.012	39.675	0.003	39.702	-0.014	39.734	-0.035	45.313	-0.026	45.341	-0.043	45.373	-0.069	45.406	-0.069
39.763	-0.039	39.796	-0.040	39.822	-0.040	39.843	-0.031	45.442	-0.049	45.476	-0.028	45.516	-0.008	45.545	0.0
39.871	-0.010	39.914	-0.002	39.975	0.006	40.042	-0.003	45.577	0.016	45.598	0.033	45.628	0.028	45.656	0.027
40.090	0.006	40.110	0.005	40.134	-0.016	40.163	-0.037	45.681	0.010	45.705	0.005	45.732	-0.009	45.753	-0.013
40.218	-0.029	40.253	-0.004	40.275	0.009	40.301	0.038	45.782	-0.027	45.806	-0.023	45.833	-0.011	45.856	0.001
40.323	0.055	40.346	0.076	40.375	0.076	40.405	0.072	45.884	0.021	45.923	-0.033	45.976	0.048	46.005	0.039
40.447	0.071	40.471	0.059	40.496	0.037	40.521	0.012	46.033	0.030	46.053	0.004	46.081	-0.005	46.117	-0.014
40.543	-0.026	40.564	-0.055	40.580	-0.081	40.605	-0.081	46.141	-0.014	46.167	-0.036	46.204	-0.037	46.241	-0.029

46.286	-0.017	46.323	-0.009	46.355	-0.006	46.388	-0.006	53.575	0.054	53.599	0.071	53.629	0.066	53.648	0.053
46.438	-0.007	46.459	-0.003	46.484	0.004	46.523	-0.005	53.681	0.023	53.707	0.031	53.740	0.005	53.759	-0.012
46.568	-0.010	46.599	-0.010	46.639	-0.011	46.667	0.002	53.794	-0.055	53.810	-0.076	53.824	-0.063	53.851	-0.055
46.708	-0.007	46.736	-0.020	46.782	-0.012	46.808	0.005	53.879	-0.035	53.908	-0.040	53.922	-0.044	53.941	-0.015
46.839	0.009	46.868	0.013	46.910	0.012	46.934	-0.005	53.959	-0.003	53.978	-0.007	54.013	0.001	54.032	0.013
46.955	-0.001	46.995	-0.014	47.030	-0.022	47.085	-0.019	54.049	0.025	54.075	0.038	54.086	0.059	54.098	0.058
47.126	-0.006	47.164	0.006	47.187	0.026	47.223	0.039	54.106	0.025	54.124	0.012	54.136	-0.009	54.155	-0.022
47.256	0.038	47.294	0.025	47.318	0.021	47.345	0.003	54.174	-0.039	54.198	-0.039	54.220	-0.039	54.241	-0.023
47.373	-0.018	47.406	-0.023	47.427	-0.023	47.446	-0.036	54.268	-0.006	54.290	0.011	54.328	0.015	54.365	0.023
47.481	-0.032	47.512	-0.016	47.527	-0.012	47.555	-0.003	54.409	0.031	54.453	0.031	54.509	0.035	54.555	0.030
47.574	0.009	47.603	0.030	47.634	0.033	47.660	0.033	54.569	0.026	54.588	0.009	54.615	-0.008	54.645	-0.008
47.690	0.032	47.742	0.023	47.764	0.018	47.800	-0.004	54.670	0.0	54.694	-0.004	54.715	-0.004	54.738	-0.004
47.849	-0.005	47.882	0.007	47.917	0.019	47.939	0.023	54.764	-0.008	54.786	0.013	54.799	0.009	54.822	0.001
47.963	0.031	47.994	0.035	48.015	0.030	48.043	0.017	54.849	0.005	54.886	0.005	54.916	0.006	54.940	0.006
48.072	0.012	48.110	0.003	48.135	-0.018	48.168	-0.027	54.986	0.006	55.024	0.006	55.036	-0.002	55.050	-0.006
48.198	-0.019	48.224	-0.002	48.256	0.001	48.309	0.026	55.066	0.002	55.087	0.011	55.112	0.019	55.145	0.023
48.344	0.038	48.373	0.046	48.398	0.025	48.429	0.012	55.183	0.031	55.215	0.022	55.248	0.035	55.272	0.030
48.459	-0.039	48.491	-0.035	48.512	-0.031	48.533	-0.032	55.305	0.013	55.329	-0.017	55.346	-0.029	55.379	-0.051
48.559	-0.019	48.584	-0.007	48.613	-0.007	48.642	-0.003	55.403	-0.042	55.422	-0.030	55.447	-0.034	55.479	-0.052
48.674	0.0	48.719	-0.008	48.767	-0.009	48.799	-0.009	55.499	-0.043	55.531	-0.010	55.550	0.011	55.580	0.032
48.831	-0.005	48.860	0.003	48.895	0.002	48.921	-0.006	55.607	0.044	55.638	0.064	55.665	0.055	55.702	0.046
48.981	-0.003	48.986	0.010	49.023	0.022	49.065	0.022	55.735	0.020	55.764	0.010	55.783	-0.007	55.824	-0.025
49.090	0.034	49.143	0.034	49.157	0.013	49.197	-0.004	55.875	-0.022	55.918	-0.011	55.967	-0.008	56.034	0.024
49.224	-0.025	49.256	-0.021	49.298	-0.021	49.330	-0.013	56.075	0.031	56.145	0.030	56.192	0.028	56.212	0.020
49.362	-0.013	49.389	-0.022	49.419	-0.017	49.453	0.004	56.242	-0.002	56.291	0.005	56.356	0.004	56.394	0.003
49.486	0.012	49.507	0.029	49.534	0.033	49.558	0.029	56.421	0.006	56.447	0.023	56.478	0.034	56.512	0.034
49.579	0.029	49.607	0.012	49.665	-0.001	49.717	-0.006	56.537	0.033	56.571	0.032	56.596	0.011	56.621	-0.002
49.752	-0.014	49.779	-0.002	49.810	-0.023	49.837	0.036	56.653	-0.024	56.694	-0.024	56.732	-0.016	56.766	-0.012
49.869	0.036	49.906	0.044	49.931	0.044	49.960	0.031	56.825	0.021	56.859	0.034	56.921	0.016	56.975	0.007
49.991	0.031	50.037	0.018	50.066	-0.003	50.082	-0.024	57.009	0.007	57.034	-0.018	57.078	-0.023	57.110	-0.015
50.121	-0.028	50.156	-0.029	50.172	-0.025	50.195	-0.026	57.163	0.014	57.207	0.018	57.259	0.035	57.291	0.014
50.208	-0.017	50.235	-0.018	50.272	-0.006	50.304	-0.019	57.320	-0.003	57.363	-0.001	57.478	0.0	57.553	-0.005
50.347	-0.007	50.372	-0.021	50.398	-0.034	50.423	-0.043	57.687	-0.001	57.736	-0.001	57.769	0.011	57.818	0.011
50.452	-0.039	50.476	-0.035	50.500	-0.036	50.523	-0.023	57.852	0.007	57.903	0.003	57.956	0.003	57.997	0.007
50.552	-0.007	50.586	0.005	50.616	0.009	50.660	0.016	58.024	0.015	58.052	0.040	58.084	0.044	58.117	0.053
50.693	0.016	50.731	0.015	50.760	0.006	50.792	-0.007	58.140	0.053	58.183	0.028	58.212	0.002	58.254	-0.014
50.812	-0.024	50.833	-0.024	50.887	-0.033	50.937	-0.021	58.282	-0.019	58.310	-0.031	58.336	-0.031	58.373	-0.031
50.977	-0.031	50.999	-0.010	51.055	-0.023	51.134	-0.016								
51.177	-0.017	51.245	0.003	51.297	0.015	51.345	0.015								
51.433	0.005	51.468	0.004	51.513	0.004	51.545	0.003								
51.571	-0.006	51.587	-0.010	51.604	-0.010	51.628	-0.027								
51.649	-0.032	51.699	-0.033	51.738	-0.033	51.754	-0.033								
51.770	-0.033	51.791	-0.008	51.829	-0.005	51.844	-0.009								
51.873	0.012	51.913	0.028	51.945	0.040	51.980	0.031								
52.011	-0.043	52.046	0.030	52.093	0.0	52.134	-0.038								
52.163	-0.047	52.191	-0.068	52.248	-0.055	52.287	-0.030								
52.314	0.011	52.345	0.024	52.366	0.028	52.407	0.040								
52.431	0.044	52.464	0.019	52.503	-0.015	52.555	-0.045								
52.587	-0.041	52.625	-0.050	52.644	-0.046	52.675	-0.033								
52.691	-0.017	52.710	-0.009	52.730	-0.009	52.763	-0.001								
52.798	0.011	52.827	0.019	52.852	0.023	52.869	0.015								
52.885	0.006	52.907	-0.003	52.934	-0.011	52.954	-0.012								
52.983	-0.025	53.020	-0.025	53.053	-0.009	53.098	-0.009								
53.144	0.015	53.174	0.011	53.232	0.010	53.274	0.009								
53.307	0.0	53.324	-0.021	53.353	-0.039	53.397	-0.044								
53.432	-0.044	53.464	-0.020	53.510	0.005	53.540	0.030								

IE074

71.047 4680 WILSHIRE, 6TH FLOOR 2/9/71 0600PST N75W

2813 POINTS 58.367 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.4853 G/10.

	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.640	0.006	0.754	0.010	0.804	0.016	0.825	
0.021	0.838	0.033	0.804	0.041	0.741	0.046	0.640	
0.059	0.523	0.069	0.413	0.077	0.295	0.078	0.232	
0.089	0.165	0.097	0.123	0.100	0.077	0.110	0.047	
0.131	0.035	0.147	-0.007	0.156	-0.070	0.166	-0.137	
0.174	-0.230	0.182	-0.343	0.183	-0.457	0.188	-0.621	
0.194	-0.722	0.199	-0.781	0.201	-0.827	0.202	-0.865	
0.214	-0.966	0.226	-0.920	0.238	-0.827	0.239	-0.851	
0.244	-0.688	0.250	-0.629	0.261	-0.595	0.268	-0.655	
0.273	-0.721	0.277	-0.852	0.282	-0.953	0.284	-1.046	
0.287	-1.121	0.290	-1.201	0.297	-1.239	0.303	-1.281	
0.311	-1.327	0.314	-1.365	0.327	-1.306	0.333	-1.247	
0.335	-1.192	0.344	-1.100	0.351	-1.028	0.359	-0.935	
0.360	-0.847	0.367	-0.746	0.371	-0.624	0.378	-0.510	
0.381	-0.421	0.386	-0.362	0.387	-0.308	0.394	-0.265	
0.399	-0.324	0.402	-0.409	0.407	-0.493	0.411	-0.560	
0.416	-0.623	0.418	-0.669	0.423	-0.720	0.427	-0.762	
0.440	-0.694	0.445	-0.614	0.451	-0.492	0.453	-0.400	
0.459	-0.277	0.461	-0.143	0.462	-0.042	0.466	-0.064	
0.470	0.182	0.474	0.266	0.477	0.321	0.481	0.409	
0.486	0.477	0.493	0.409	0.494	0.376	0.499	0.338	
0.510	0.262	0.517	0.254	0.523	0.300	0.531	0.431	
0.539	0.557	0.548	0.705	0.550	0.827	0.552	0.928	
0.555	1.050	0.558	1.164	0.566	1.261	0.572	1.328	
0.580	1.269	0.582	1.206	0.590	1.151	0.596	1.071	
0.603	1.025	0.616	1.088	0.617	1.194	0.619	1.286	
0.620	1.375	0.622	1.434	0.627	1.535	0.633	1.636	
0.641	1.560	0.649	1.455	0.652	1.337	0.657	1.236	
0.660	1.139	0.665	1.055	0.667	0.987	0.672	0.890	
0.684	0.958	0.684	0.984	0.692	1.109	0.704	1.185	
0.710	1.265	0.718	1.185	0.728	1.084	0.738	0.966	
0.736	0.823	0.740	0.730	0.742	0.629	0.750	0.579	
0.768	0.650	0.776	0.574	0.780	0.452	0.785	0.313	
0.792	0.145	0.793	-0.036	0.795	-0.238	0.796	-0.428	
0.798	-0.592	0.801	-0.803	0.806	-0.895	0.809	-0.950	
0.812	-0.992	0.816	-1.047	0.821	-1.068	0.825	-1.102	
0.829	-1.131	0.833	-1.173	0.840	-1.102	0.846	-1.051	
0.851	-1.013	0.857	-0.984	0.865	-0.937	0.870	-0.878	
0.872	-0.891	0.877	-0.916	0.885	-0.971	0.886	-0.933	
0.894	-0.866	0.901	-0.790	0.902	-0.668	0.904	-0.563	

0.910	-0.491	0.920	-0.424	0.923	-0.483	0.926	-0.550
0.929	-0.618	0.936	-0.677	0.937	-0.719	0.939	-0.803
0.945	-0.929	0.953	-1.056	0.960	-0.938	0.966	-0.816
0.977	-0.668	0.979	-0.550	0.984	-0.441	0.985	-0.331
0.990	-0.235	0.993	-0.171	1.005	-0.087	1.013	-0.146
1.027	-0.171	1.035	-0.184	1.048	-0.172	1.061	-0.092
1.069	-0.016	1.070	0.089	1.075	0.220	1.080	0.342
1.083	0.494	1.088	0.645	1.094	0.742	1.107	0.826
1.118	0.873	1.133	0.894	1.146	0.923	1.154	0.944
1.171	0.995	1.184	0.932	1.195	0.864	1.208	0.784
1.223	0.797	1.234	0.742	1.242	0.670	1.253	0.557
1.261	0.460	1.268	0.371	1.284	0.296	1.292	0.325
1.303	0.350	1.316	0.266	1.324	0.110	1.337	-0.151
1.343	-0.374	1.351	-0.517	1.356	-0.643	1.362	-0.733
1.369	-0.850	1.373	-0.799	1.385	-0.749	1.401	-0.677
1.409	-0.753	1.422	-0.862	1.436	-0.997	1.447	-1.127
1.454	-1.287	1.460	-1.414	1.473	-1.485	1.497	-1.426
1.511	-1.359	1.526	-1.250	1.535	-1.140	1.542	-1.010
1.556	-0.854	1.558	-0.736	1.561	-0.593	1.569	-0.441
1.580	-0.294	1.590	-0.167	1.601	-0.087	1.614	0.014
1.620	-0.045	1.638	-0.112	1.644	-0.045	1.657	0.052
1.670	0.123	1.678	0.149	1.697	0.267	1.698	0.397
1.703	0.532	1.708	0.667	1.710	0.806	1.711	0.932
1.719	1.058	1.727	1.134	1.734	1.050	1.740	0.970
1.743	0.881	1.748	0.818	1.756	0.764	1.772	0.814
1.775	0.907	1.785	0.974	1.788	1.042	1.796	1.092
1.802	1.037	1.807	0.974	1.815	0.928	1.823	0.856
1.839	0.869	1.868	0.877	1.877	0.819	1.884	0.755
1.893	0.675	1.909	0.570	1.933	0.427	1.949	0.335
1.963	0.246	1.976	0.162	1.992	0.145	2.011	0.158
2.030	0.128	2.051	0.086	2.061	0.091	2.074	0.103
2.085	0.040	2.093	-0.057	2.094	-0.141	2.097	-0.208
2.107	-0.280	2.118	-0.364	2.133	-0.305	2.136	-0.263
2.142	-0.209	2.150	-0.162	2.158	-0.103	2.174	-0.167
2.185	-0.217	2.196	-0.154	2.199	-0.095	2.204	-0.045
2.214	0.048	2.217	0.061	2.222	-0.011	2.226	-0.095
2.233	-0.213	2.234	-0.289	2.238	-0.356	2.241	-0.424
2.252	-0.487	2.254	-0.499	2.258	-0.440	2.262	-0.390
2.265	-0.331	2.266	-0.289	2.273	-0.221	2.277	-0.133
2.281	-0.078	2.284	-0.036	2.289	-0.091	2.290	-0.163
2.300	-0.217	2.304	-0.293	2.309	-0.318	2.324	-0.285
2.336	-0.217	2.346	-0.180	2.355	-0.239	2.362	-0.297
2.373	-0.323	2.375	-0.386	2.381	-0.441	2.394	-0.378
2.402	-0.323	2.411	-0.264	2.424	-0.319	2.430	-0.327
2.443	-0.251	2.454	-0.091	2.456	0.039	2.457	0.199
2.464	0.384	2.470	0.582	2.481	0.763	2.483	0.873
2.489	0.965	2.500	1.045	2.505	1.083	2.515	1.012
2.519	0.894	2.524	0.776	2.526	0.662	2.531	0.582
2.532	0.502	2.537	0.426	2.547	0.338	2.548	0.321
2.559	0.384	2.562	0.481	2.564	0.502	2.566	0.590
2.567	0.687	2.575	0.729	2.582	0.704	2.590	0.675
2.601	0.721	2.609	0.788	2.610	0.796	2.622	0.733
2.628	0.641	2.639	0.697	2.647	0.384	2.655	0.295
2.662	0.165	2.663	0.072	2.667	-0.038	2.673	-0.118
2.678	-0.151	2.687	-0.168	2.699	-0.185	2.707	-0.168
2.716	-0.156	2.729	-0.131	2.737	-0.190	2.742	-0.286

2.745	-0.404	2.752	-0.543	2.753	-0.649	2.763	-0.746	4.099	-0.742	4.102	-0.691	4.110	-0.759	4.118	-0.826
2.764	-0.838	2.771	-0.906	2.780	-0.981	2.784	-0.914	4.126	-0.914	4.132	-0.994	4.141	-1.070	4.145	-1.159
2.788	-0.821	2.796	-0.729	2.800	-0.699	2.804	-0.662	4.155	-1.243	4.160	-1.340	4.165	-1.411	4.166	-1.504
2.807	-0.611	2.816	-0.700	2.817	-0.838	2.822	-0.931	4.168	-1.584	4.169	-1.659	4.173	-1.676	4.176	-1.811
2.827	-0.990	2.830	-1.041	2.832	-1.091	2.835	-1.171	4.179	-1.845	4.184	-1.744	4.185	-1.630	4.190	-1.491
2.846	-1.070	2.854	-1.020	2.864	-0.999	2.872	-0.990	4.195	-1.504	4.197	-1.491	4.198	-1.381	4.200	-1.297
2.869	-0.948	2.883	-0.923	2.889	-0.965	2.891	-1.024	4.203	-1.200	4.206	-1.167	4.214	-1.053	4.210	-0.939
2.899	-1.045	2.902	-1.083	2.910	-1.146	2.912	-1.189	4.211	-0.859	4.213	-0.821	4.216	-0.687	4.216	-0.573
2.915	-1.117	2.917	-1.050	2.922	-0.974	2.925	-0.915	4.218	-0.463	4.221	-0.392	4.222	-0.282	4.224	-0.148
2.947	-0.839	2.931	-0.772	2.934	-0.709	2.938	-0.641	4.232	-0.004	4.239	-0.046	4.256	-0.008	4.269	0.067
2.947	-0.595	2.949	-0.524	2.954	-0.287	2.960	-0.675	4.279	0.007	4.287	0.371	4.293	0.505	4.295	0.623
2.968	-0.776	2.979	-0.907	2.982	-0.983	2.989	-1.126	4.309	0.813	4.338	0.725	4.341	0.792	4.348	0.956
2.990	-1.223	2.994	-1.315	3.000	-1.404	3.002	-1.501	4.351	1.099	4.353	1.230	4.357	1.243	4.359	1.415
3.003	-1.547	3.007	-1.484	3.011	-1.366	3.019	-1.248	4.361	1.504	4.365	1.550	4.367	1.659	4.369	1.815
3.021	-1.130	3.026	-1.029	3.032	-0.949	3.047	-0.840	4.370	1.912	4.373	2.022	4.375	2.085	4.378	2.118
3.030	-0.739	3.059	-0.680	3.061	-0.604	3.071	-0.529	4.380	2.198	4.385	2.308	4.393	2.186	4.396	2.119
3.077	-0.440	3.087	-0.306	3.095	-0.171	3.096	-0.041	4.399	1.980	4.409	1.837	4.417	1.668	4.423	1.500
3.098	0.107	3.100	0.262	3.104	0.346	3.109	0.473	4.431	1.340	4.436	1.209	4.451	1.062	4.462	0.961
3.119	0.401	3.135	0.337	3.146	0.438	3.156	0.581	4.476	0.906	4.481	0.793	4.494	0.654	4.512	0.347
3.169	0.766	3.179	0.917	3.185	1.052	3.192	1.170	4.520	0.069	4.531	-0.159	4.547	-0.441	4.558	-0.773
3.204	1.300	3.208	1.199	3.217	1.093	3.224	1.001	4.571	-1.017	4.597	-1.413	4.605	-1.699	4.614	-1.922
3.225	0.942	3.233	1.042	3.243	1.160	3.245	1.295	4.621	-2.158	4.627	-2.292	4.629	-2.398	4.639	-2.482
3.246	1.484	3.253	1.699	3.256	1.897	3.258	2.044	4.642	-2.579	4.648	-2.473	4.653	-2.360	4.656	-2.242
3.262	1.115	3.269	2.212	3.275	2.102	3.285	1.959	4.664	-2.162	4.666	-2.061	4.672	-1.968	4.679	-1.812
3.288	1.879	3.296	1.647	3.303	1.546	3.311	1.386	4.685	-1.791	4.692	-1.820	4.700	-1.871	4.712	-1.782
3.317	1.339	3.324	1.365	3.335	1.385	3.343	1.347	4.717	-1.694	4.724	-1.605	4.725	-1.559	4.732	-1.454
3.359	1.225	3.366	1.132	3.377	0.955	3.385	0.795	4.747	-0.776	4.756	-0.620	4.756	-0.499	4.757	-0.354
3.388	0.563	3.396	0.378	3.404	0.255	3.408	0.175	4.775	-0.327	4.783	-0.176	4.784	-0.049	4.787	0.160
3.412	0.095	3.414	0.028	3.416	-0.031	3.417	-0.082	4.764	-0.241	4.772	-0.110	4.781	0.025	4.791	0.160
3.427	-0.023	3.432	0.002	3.438	0.057	3.440	0.078	4.802	0.303	4.810	0.459	4.814	0.610	4.823	0.733
3.450	-0.007	3.453	-0.087	3.454	-0.213	3.459	-0.335	4.833	0.893	4.838	1.040	4.839	1.200	4.841	1.352
3.466	-0.458	3.467	-0.597	3.471	-0.732	3.472	-0.845	4.852	1.516	4.859	1.655	4.862	1.760	4.868	1.861
3.474	-0.972	3.475	-1.043	3.482	-1.111	3.487	-1.153	4.884	1.963	4.899	2.114	4.908	2.207	4.916	2.291
3.490	-1.208	3.501	-1.141	3.509	-1.086	3.517	-1.040	4.924	2.388	4.929	2.464	4.936	2.540	4.942	2.591
3.524	-1.002	3.532	-0.973	3.540	-0.935	3.550	-0.990	4.945	2.506	4.958	2.372	4.973	2.027	4.977	1.816
3.562	-1.054	3.569	-1.117	3.580	-1.159	3.588	-1.206	4.984	1.610	4.994	1.345	4.995	1.168	5.003	1.016
3.595	-1.265	3.601	-1.278	3.614	-1.232	3.622	-1.164	5.016	0.865	5.022	0.806	5.029	0.684	5.039	0.495
3.632	-1.097	3.645	-1.005	3.649	-0.921	3.666	-0.808	5.047	0.343	5.055	0.200	5.061	0.019	5.071	-0.154
3.675	-0.703	3.682	-0.572	3.688	-0.467	3.691	-0.366	5.074	-0.322	5.083	-0.474	5.087	-0.629	5.100	-0.739
3.699	-0.299	3.709	-0.240	3.714	-0.173	3.730	-0.051	5.111	-0.853	5.124	-0.975	5.125	-1.202	5.136	-1.379
3.735	0.104	3.736	0.290	3.745	0.466	3.748	0.639	5.143	-1.585	5.148	-1.804	5.149	-1.989	5.162	-2.149
3.754	0.740	3.759	0.828	3.765	0.946	3.769	1.034	5.167	-2.267	5.175	-2.309	5.181	-2.343	5.188	-2.394
3.777	1.114	3.780	1.169	3.786	1.202	3.788	1.110	5.194	-2.465	5.207	-2.520	5.220	-2.436	5.228	-2.343
3.798	1.050	3.801	0.928	3.807	0.928	3.825	1.016	5.287	-2.192	5.292	-2.099	5.293	-2.217	5.276	-2.251
3.809	0.776	3.812	0.844	3.817	0.928	3.825	1.016	5.308	-1.775	5.311	-1.657	5.316	-1.560	5.322	-1.446
3.830	1.151	3.836	1.273	3.844	1.374	3.846	1.483	5.327	-1.328	5.334	-1.211	5.340	-1.105	5.348	-0.979
3.848	1.503	3.849	1.647	3.852	1.709	3.888	1.208	5.354	-0.878	5.367	-0.777	5.378	-0.634	5.386	-0.503
3.868	1.107	3.872	1.394	3.881	1.305	3.922	0.930	5.391	-0.356	5.394	-0.179	5.399	0.040	5.410	0.263
3.896	0.837	3.907	1.044	3.915	0.984	3.922	0.930	5.414	0.465	5.430	0.655	5.438	0.789	5.444	0.916
3.928	0.007	3.939	0.668	3.947	0.428	3.952	0.209	5.457	1.021	5.465	1.164	5.470	1.387	5.476	1.602
3.960	0.837	3.967	-0.174	3.980	-0.326	3.988	-0.393	5.507	1.876	5.483	2.086	5.486	2.255	5.487	2.394
3.999	-0.452	4.015	-0.422	4.026	-0.380	4.033	-0.443	5.489	2.560	5.494	2.638	5.499	2.697	5.500	2.709
4.039	-0.519	4.044	-0.709	4.049	-0.885	4.050	-1.003	5.503	2.667	5.508	2.604	5.519	2.549	5.521	2.533
4.055	-1.100	4.057	-1.180	4.062	-1.226	4.063	-1.323	5.526	2.583	5.539	2.701	5.542	2.827	5.548	2.874
4.065	-1.382	4.075	-1.327	4.078	-1.222	4.081	-1.134	5.561	2.928	5.571	2.844	5.580	2.697	5.585	2.575
4.089	-1.034	4.091	-0.965	4.092	-0.877	4.097	-0.805								

5.590	2.436	5.595	2.331	5.603	2.158	5.611	1.994	7.177	-0.508	7.184	-0.419	7.192	-0.318	7.198	-0.187
5.616	1.813	5.624	1.547	5.633	1.354	5.636	1.156	7.208	-0.052	7.209	0.087	7.212	0.243	7.222	0.365
5.643	0.924	5.649	0.713	5.656	0.524	5.662	0.334	7.236	0.462	7.236	0.580	7.236	0.660	7.247	0.795
5.673	0.271	5.683	0.153	5.688	0.002	5.694	-0.137	7.255	0.909	7.265	0.989	7.273	1.098	7.274	1.221
5.700	-0.254	5.707	-0.405	5.715	-0.803	5.720	-1.005	7.281	1.381	7.286	1.511	7.292	1.655	7.297	1.781
5.726	-1.216	5.732	-1.405	5.736	-1.510	5.740	-1.599	7.305	1.878	7.311	1.954	7.317	2.042	7.325	2.118
5.755	-1.569	5.768	-1.658	5.782	-1.856	5.798	-2.058	7.333	2.194	7.343	2.279	7.349	2.359	7.356	2.334
5.817	-2.252	5.827	-2.408	5.833	-2.513	5.835	-2.614	7.370	2.283	7.378	2.195	7.389	2.098	7.397	1.989
5.843	-2.690	5.846	-2.766	5.859	-2.846	5.868	-2.914	7.403	1.871	7.408	1.779	7.416	1.691	7.421	1.594
5.880	-2.724	5.888	-2.644	5.894	-2.526	5.899	-2.425	7.427	1.522	7.435	1.468	7.446	1.438	7.457	1.375
5.900	-2.829	5.904	-2.719	5.907	-2.109	5.910	-2.025	7.465	1.346	7.477	1.262	7.478	1.207	7.485	1.085
5.913	-1.899	5.916	-1.802	5.918	-1.701	5.920	-1.575	7.496	0.905	7.499	0.804	7.510	0.682	7.515	0.551
5.921	-1.482	5.923	-1.385	5.928	-1.234	5.934	-1.078	7.521	0.425	7.529	0.181	7.540	0.030	7.547	0.092
5.939	-0.939	5.947	-0.762	5.961	-0.544	5.966	-0.367	7.556	-0.240	7.564	-0.383	7.575	-0.547	7.585	-0.728
5.976	-0.190	5.984	0.100	5.992	0.340	5.996	0.466	7.593	-0.862	7.599	-0.938	7.605	-1.031	7.613	-1.056
6.006	0.639	6.012	0.795	6.022	0.929	6.030	1.068	7.623	-1.093	7.631	-1.131	7.644	-1.177	7.650	-1.232
6.040	1.211	6.052	1.362	6.059	1.489	6.065	1.590	7.658	-1.282	7.666	-1.320	7.674	-1.371	7.686	-1.324
6.070	1.691	6.083	1.817	6.094	1.968	6.099	2.115	7.693	-1.248	7.701	-1.198	7.718	-1.113	7.733	-1.041
6.105	2.208	6.107	2.292	6.108	2.376	6.115	2.427	7.739	-0.966	7.747	-0.915	7.756	-0.801	7.767	-0.658
6.123	2.368	6.129	2.283	6.136	2.178	6.142	2.052	7.775	-0.506	7.779	-0.397	7.791	-0.253	7.794	-0.144
6.152	1.955	6.158	1.853	6.166	1.719	6.169	1.592	7.817	-0.042	7.818	0.017	7.828	0.189	7.837	0.329
6.174	1.424	6.181	1.285	6.185	1.104	6.193	0.994	7.845	0.472	7.853	0.632	7.864	0.758	7.880	0.868
6.198	0.910	6.205	0.884	6.214	0.766	6.219	0.619	7.898	0.965	7.909	1.062	7.918	1.159	7.934	1.235
6.224	0.480	6.230	0.332	6.235	0.227	6.243	0.176	7.942	1.294	7.955	1.433	7.963	1.513	7.972	1.606
6.256	-0.093	6.266	-0.218	6.272	-0.168	6.286	-0.024	7.974	1.665	7.976	1.720	7.987	1.775	7.993	1.724
6.300	-0.739	6.336	-0.899	6.346	-1.029	6.354	-1.160	8.006	1.674	8.018	1.582	8.031	1.502	8.038	1.430
6.363	-1.291	6.371	-1.442	6.378	-1.645	6.392	-1.872	8.047	1.350	8.055	1.266	8.069	1.174	8.076	1.073
6.395	-2.045	6.403	-2.218	6.407	-2.344	6.410	-2.407	8.120	0.441	8.133	0.268	8.150	0.087	8.166	-0.069
6.420	-2.542	6.431	-2.458	6.440	-2.382	6.445	-2.294	8.186	-0.195	8.197	-0.334	8.211	-0.490	8.222	-0.629
6.455	-2.193	6.461	-2.109	6.468	-2.025	6.474	-1.915	8.233	-0.742	8.240	-0.869	8.254	-0.974	8.262	-1.033
6.480	-1.836	6.484	-1.743	6.493	-1.659	6.500	-1.558	8.321	-1.050	8.329	-0.974	8.337	-0.941	8.348	-0.890
6.508	-1.470	6.514	-1.369	6.519	-1.280	6.524	-1.183	8.354	-0.861	8.359	-0.823	8.377	-0.776	8.382	-0.688
6.533	-1.095	6.535	-1.007	6.540	-0.927	6.545	-0.838	8.393	-0.574	8.405	-0.490	8.417	-0.389	8.433	-0.259
6.548	-0.724	6.553	-0.623	6.557	-0.531	6.567	-0.400	8.445	-0.175	8.460	-0.052	8.476	0.070	8.487	0.217
6.570	-0.291	6.572	-0.186	6.578	-0.101	6.583	0.008	8.496	0.356	8.501	0.512	8.515	0.617	8.527	0.756
6.590	0.113	6.596	0.223	6.598	0.324	6.606	0.429	8.536	0.848	8.547	0.903	8.563	0.886	8.573	0.903
6.610	0.555	6.617	0.661	6.623	0.829	6.629	0.930	8.581	0.966	8.590	1.017	8.595	1.080	8.603	1.139
6.637	1.099	6.644	1.246	6.647	1.368	6.653	1.511	8.606	1.198	8.611	1.248	8.622	1.294	8.629	1.244
6.655	1.654	6.663	1.747	6.673	1.873	6.674	1.966	8.637	1.193	8.638	1.126	8.643	1.046	8.651	0.970
6.679	2.012	6.682	2.058	6.692	1.991	6.697	1.924	8.658	0.911	8.659	0.856	8.669	0.797	8.675	0.763
6.711	1.776	6.716	1.642	6.721	1.498	6.730	1.334	8.688	0.784	8.701	0.810	8.709	0.822	8.719	0.763
6.733	1.368	6.740	1.326	6.746	1.284	6.759	1.334	8.727	0.692	8.735	0.590	8.743	0.489	8.747	0.405
6.770	1.368	6.778	1.385	6.789	1.342	6.801	1.258	8.754	0.304	8.759	0.216	8.772	0.114	8.784	0.018
6.809	1.178	6.818	1.107	6.826	1.048	6.839	0.972	8.799	-0.075	8.802	-0.168	8.815	-0.269	8.824	-0.366
6.852	0.917	6.860	0.841	6.861	0.761	6.868	0.660	8.865	-0.556	8.869	-0.598	8.887	-0.653	8.895	-0.724
6.874	0.526	6.884	0.353	6.888	0.205	6.895	0.058	8.834	-0.454	8.839	-0.530	8.847	-0.589	8.858	-0.568
6.909	-0.106	6.924	-0.262	6.935	-0.371	6.944	-0.586	8.869	-0.775	8.874	-0.830	8.887	-0.821	8.893	-0.813
6.954	-0.771	6.962	-0.902	6.973	-1.062	6.984	-1.197	8.909	-0.775	8.924	-0.830	8.951	-0.821	8.953	-0.813
6.992	-1.319	7.000	-1.437	7.012	-1.580	7.020	-1.710	8.964	-0.859	8.970	-0.897	8.975	-0.931	8.988	-0.952
7.026	-1.799	7.034	-1.908	7.045	-1.996	7.052	-2.064	8.998	-0.910	9.001	-0.872	9.015	-0.834	9.017	-0.776
7.064	-2.101	7.071	-2.152	7.079	-2.166	7.088	-2.134	9.027	-0.667	9.035	-0.637	9.047	-0.590	9.057	-0.548
7.103	-2.067	7.107	-1.983	7.111	-1.890	7.115	-1.818	9.075	-0.490	9.089	-0.406	9.096	-0.334	9.108	-0.195
7.117	-1.730	7.123	-1.641	7.127	-1.523	7.128	-1.401	9.124	-0.094	9.137	-0.006	9.169	0.049	9.171	0.150
7.133	-1.300	7.139	-1.174	7.141	-1.056	7.142	-0.942	9.177	0.255	9.187	0.436	9.200	0.436	9.200	0.495
7.144	-0.858	7.147	-0.769	7.154	-0.697	7.160	-0.605	9.208	0.528	9.213	0.562	9.225	0.515	9.233	0.469

9.246	0.435	9.267	0.452	9.273	0.473	9.289	0.427	12.166	0.356	12.186	0.469	12.188	0.587	12.202	0.680
9.297	0.380	9.304	0.346	9.312	0.334	9.321	0.367	12.210	0.772	12.226	0.806	12.245	0.840	12.258	0.865
9.334	0.371	9.347	0.401	9.354	0.439	9.366	0.552	12.278	0.827	12.296	0.793	12.308	0.776	12.316	0.810
9.376	0.645	9.384	0.687	9.392	0.729	9.400	0.775	12.327	0.839	12.340	0.873	12.354	0.835	12.372	0.801
9.406	0.737	9.422	0.720	9.432	0.703	9.4435	0.691	12.384	0.738	12.394	0.687	12.406	0.620	12.416	0.573
9.451	0.737	9.453	0.715	9.459	0.817	9.469	0.859	12.429	0.502	12.444	0.430	12.455	0.329	12.473	0.253
9.483	0.812	9.491	0.757	9.498	0.665	9.503	0.513	12.486	0.202	12.489	0.156	12.504	0.110	12.517	0.084
9.511	0.416	9.519	0.336	9.523	0.256	9.530	0.201	12.533	0.084	12.549	0.071	12.563	0.042	12.569	0.0
9.543	0.151	9.554	0.104	9.562	0.037	9.570	0.043	12.582	-0.038	12.587	-0.047	12.599	-0.034	12.612	-0.009
9.578	-0.140	9.586	-0.245	9.594	-0.418	9.605	-0.544	12.622	0.012	12.634	-0.026	12.646	-0.060	12.658	-0.085
9.618	-0.696	9.626	-0.785	9.639	-0.894	9.643	-0.911	12.668	-0.085	12.688	-0.069	12.698	-0.044	12.707	-0.035
9.661	-0.898	9.675	-0.953	9.686	-0.974	9.696	-1.000	12.720	-0.048	12.736	-0.052	12.747	-0.019	12.760	-0.015
9.706	-1.025	9.715	-1.034	9.725	-1.046	9.744	-1.017	12.773	0.048	12.785	0.040	12.803	0.048	12.822	0.059
9.760	-0.983	9.773	-0.929	9.784	-0.908	9.805	-0.925	12.841	0.183	12.857	0.296	12.887	0.384	12.901	0.468
9.806	-0.912	9.816	-0.862	9.827	-0.786	9.833	-0.693	12.917	0.544	12.931	0.616	12.949	0.653	12.970	0.569
9.843	-0.596	9.856	-0.542	9.873	-0.496	9.875	-0.441	13.000	0.164	13.027	0.299	13.046	0.236	13.070	0.215
9.888	-0.382	9.894	-0.310	9.905	-0.197	9.907	-0.096	13.098	0.164	13.127	0.075	13.152	-0.005	13.176	-0.115
9.916	-0.007	9.932	0.060	9.951	0.051	9.964	0.030	13.192	-0.195	13.216	-0.276	13.250	-0.390	13.270	-0.403
9.974	0.064	9.982	0.165	9.996	0.274	10.015	0.350	13.294	-0.386	13.315	-0.395	13.332	-0.374	13.364	-0.339
10.031	0.379	10.047	0.388	10.058	0.371	10.065	0.358	13.383	-0.316	13.417	-0.346	13.442	-0.288	13.465	-0.237
10.076	0.337	10.089	0.366	10.098	0.387	10.110	0.438	13.480	-0.200	13.511	-0.242	13.530	-0.255	13.544	-0.230
10.124	0.425	10.137	0.408	10.146	0.392	10.154	0.375	13.560	-0.247	13.574	-0.256	13.603	-0.290	13.625	-0.252
10.162	0.451	10.174	0.522	10.180	0.606	10.183	0.691	13.651	-0.281	13.676	-0.226	13.708	-0.197	13.738	-0.172
10.188	0.766	10.199	0.829	10.206	0.901	10.207	0.914	13.766	-0.197	13.798	-0.184	13.828	-0.210	13.850	-0.239
10.214	0.846	10.228	0.766	10.233	0.699	10.249	0.657	13.874	-0.256	13.908	-0.273	13.938	-0.256	13.987	-0.222
10.259	0.611	10.270	0.577	10.278	0.539	10.291	0.484	14.014	-0.159	14.042	-0.091	14.065	-0.045	14.090	-0.006
10.299	0.400	10.308	0.286	10.320	0.105	10.321	-0.055	14.125	0.040	14.153	0.075	14.192	0.105	14.196	0.098
10.337	-0.194	10.358	-0.341	10.373	-0.497	10.393	-0.720	14.211	0.033	14.228	0.004	14.239	0.063	14.261	0.127
10.409	-0.901	10.437	-1.128	10.456	-1.272	10.467	-1.343	14.281	0.106	14.295	0.136	14.314	0.170	14.335	0.208
10.490	-1.389	10.509	-1.284	10.535	-1.162	10.559	-1.095	14.349	0.187	14.382	0.112	14.400	0.053	14.416	-0.018
10.576	-1.006	10.596	-0.918	10.618	-0.808	10.646	0.712	14.444	-0.132	14.458	-0.178	14.481	-0.215	14.490	-0.291
10.654	-0.615	10.668	-0.547	10.688	-0.442	10.699	0.320	14.527	-0.400	14.551	-0.488	14.576	-0.542	14.610	-0.588
10.714	-0.189	10.740	-0.063	10.741	0.046	10.754	0.160	14.624	-0.609	14.635	-0.541	14.661	-0.440	14.680	-0.365
10.782	0.211	10.790	0.269	10.806	0.312	10.824	0.341	14.706	-0.253	14.744	-0.148	14.776	-0.126	14.795	-0.050
10.830	0.303	10.843	0.232	10.861	0.168	10.882	0.109	14.816	0.030	14.837	0.065	14.859	0.086	14.877	0.078
10.903	0.067	10.906	0.008	10.919	-0.067	10.934	-0.143	14.893	0.129	14.912	0.158	14.936	0.125	14.957	0.092
10.968	-0.219	10.961	-0.257	10.971	-0.261	10.986	-0.295	14.963	0.096	14.981	0.126	14.995	0.160	15.021	0.190
11.000	-0.354	11.013	-0.413	11.024	-0.463	11.031	-0.493	15.043	0.207	15.064	0.169	15.088	0.081	15.108	-0.041
11.045	-0.463	11.062	-0.430	11.073	-0.396	11.084	-0.396	15.128	-0.184	15.143	-0.276	15.162	-0.327	15.188	-0.305
11.096	-0.362	11.112	-0.303	11.128	-0.244	11.146	-0.177	15.207	-0.297	15.225	-0.364	15.239	-0.402	15.270	-0.414
11.175	-0.122	11.191	-0.106	11.210	-0.097	11.223	-0.114	15.275	-0.384	15.288	-0.376	15.309	-0.422	15.333	-0.468
11.234	-0.093	11.249	-0.068	11.258	-0.047	11.268	-0.009	15.352	-0.392	15.370	-0.287	15.395	-0.198	15.429	-0.109
11.284	0.004	11.303	-0.009	11.318	-0.017	11.329	0.008	15.456	-0.042	15.492	0.068	15.500	0.178	15.532	0.304
11.353	0.096	11.376	0.193	11.394	0.298	11.413	0.412	15.548	0.405	15.564	0.514	15.583	0.611	15.598	0.686
11.431	0.538	11.444	0.635	11.457	0.715	11.474	0.765	15.629	0.665	15.657	0.618	15.683	0.589	15.699	0.526
11.486	0.732	11.497	0.732	11.510	0.740	11.521	0.748	15.709	0.466	15.731	0.386	15.738	0.374	15.752	0.366
11.539	0.769	11.552	0.752	11.561	0.719	11.571	0.664	15.759	0.378	15.773	0.319	15.793	0.230	15.823	0.150
11.581	0.613	11.592	0.596	11.609	0.546	11.625	0.470	15.844	0.108	15.863	0.044	15.881	-0.036	15.907	-0.120
11.641	0.398	11.656	0.343	11.670	0.313	11.691	0.250	15.925	-0.045	15.939	-0.146	15.952	-0.188	15.965	-0.264
11.703	0.208	11.718	0.174	11.732	0.166	11.746	0.174	15.979	-0.323	15.991	-0.378	16.015	-0.344	16.023	-0.328
11.756	0.186	11.791	0.140	11.791	0.072	11.811	0.001	16.040	-0.366	16.048	-0.408	16.063	-0.446	16.079	-0.374
11.839	-0.067	11.856	-0.101	11.872	-0.147	11.888	-0.194	16.095	-0.286	16.100	-0.227	16.121	-0.118	16.140	-0.055
11.897	-0.253	11.912	-0.312	11.921	-0.345	11.934	-0.312	16.166	0.029	16.193	0.113	16.214	0.218	16.242	0.255
11.950	-0.295	11.969	-0.308	11.982	-0.304	11.994	-0.287	16.253	0.288	16.287	0.351	16.287	0.389	16.299	0.435
12.009	-0.279	12.025	-0.258	12.045	-0.254	12.064	-0.182	16.327	0.363	16.353	0.278	16.377	0.256	16.391	0.193
12.080	-0.073	12.093	0.041	12.117	0.154	12.144	0.263	16.407	0.125	16.427	0.058	16.456	0.040	16.488	0.019

16.522	0.001	16.544	-0.045	16.583	-0.080	16.584	-0.025	22.627	0.052	22.685	0.078	22.709	0.061	22.725	0.057
16.604	0.067	16.613	0.092	16.636	0.105	16.648	0.159	22.758	0.095	22.784	0.053	22.803	0.003	22.821	-0.048
16.672	0.218	16.685	0.298	16.711	0.263	16.738	0.255	22.840	-0.081	22.851	-0.136	22.876	-0.245	22.902	-0.291
16.761	0.267	16.773	0.284	16.788	0.250	16.815	0.229	22.926	-0.333	22.943	-0.367	22.969	-0.396	23.006	-0.358
16.834	0.203	16.870	0.148	16.889	0.106	16.913	0.034	23.058	-0.248	23.105	-0.138	23.167	-0.028	23.217	0.061
16.937	-0.017	16.959	-0.047	16.987	-0.127	17.031	-0.233	23.250	0.167	23.300	0.124	23.340	0.099	23.353	0.087
17.086	-0.330	17.108	-0.268	17.135	-0.179	17.172	-0.104	23.383	0.116	23.430	0.083	23.471	0.041	23.519	-0.002
17.186	-0.104	17.210	-0.037	17.237	0.034	17.266	0.076	23.580	-0.082	23.634	-0.150	23.671	-0.188	23.711	-0.239
17.300	0.256	17.312	0.172	17.333	0.159	17.351	0.205	23.766	-0.197	23.825	-0.088	23.879	-0.008	23.934	0.076
17.370	0.256	17.383	0.310	17.407	0.238	17.434	0.204	23.967	0.155	23.987	0.214	24.019	0.205	24.049	0.243
17.448	0.171	17.466	0.124	17.480	0.061	17.510	0.001	24.094	0.247	24.144	0.246	24.184	0.271	24.224	0.220
17.534	-0.049	17.548	-0.100	17.579	-0.151	17.609	-0.197	24.267	0.161	24.313	0.017	24.352	-0.072	24.382	-0.135
17.628	-0.269	17.644	-0.370	17.668	-0.412	17.689	-0.400	24.413	-0.211	24.433	-0.270	24.485	-0.241	24.536	-0.203
17.703	-0.425	17.717	-0.463	17.733	-0.505	17.743	-0.539	24.563	-0.131	24.594	-0.034	24.629	0.076	24.664	0.143
17.760	-0.459	17.767	-0.371	17.789	-0.291	17.803	-0.240	24.699	0.173	24.737	0.143	24.752	0.135	24.785	0.186
17.833	-0.194	17.856	-0.156	17.886	-0.089	17.903	-0.022	24.825	0.144	24.857	0.131	24.876	0.152	24.905	0.077
17.937	0.045	17.938	0.058	17.973	0.138	17.997	0.171	24.936	0.018	24.969	0.073	24.998	0.010	25.033	-0.036
18.027	0.150	18.058	0.108	18.083	0.040	18.110	0.087	25.057	-0.049	25.092	-0.141	25.126	-0.137	25.212	-0.107
18.136	0.129	18.151	0.159	18.163	0.125	18.180	0.083	25.246	-0.069	25.314	-0.082	25.354	-0.031	25.399	0.007
18.201	0.121	18.217	0.159	18.234	0.088	18.247	0.008	25.435	0.075	25.487	0.003	25.531	-0.010	25.566	0.003
18.264	-0.064	18.278	-0.021	18.291	0.0	18.317	-0.025	25.597	0.057	25.617	0.095	25.659	0.036	25.694	0.073
18.331	-0.071	18.351	-0.117	18.367	-0.147	18.390	-0.168	25.776	0.010	25.776	0.060	25.824	0.001	25.865	-0.008
18.410	-0.197	18.434	-0.243	18.466	-0.217	18.502	-0.200	25.921	0.017	25.954	0.038	26.004	-0.017	26.048	0.025
18.523	-0.171	18.550	-0.124	18.570	-0.116	18.586	-0.132	26.121	-0.026	26.169	-0.056	26.196	-0.022	26.231	0.020
18.610	-0.174	18.634	-0.124	18.648	-0.069	18.667	-0.043	26.258	-0.001	26.302	0.045	26.314	0.066	26.341	0.024
18.671	-0.026	18.682	-0.047	18.699	-0.030	18.718	0.008	26.361	-0.031	26.391	-0.035	26.433	-0.057	26.474	-0.044
18.729	0.046	18.745	0.016	18.783	-0.013	18.802	0.025	26.499	-0.070	26.522	-0.095	26.544	-0.095	26.569	-0.074
18.825	0.063	18.852	0.042	18.872	0.131	18.896	0.198	26.595	-0.087	26.621	-0.053	26.652	-0.033	26.660	-0.003
18.915	0.211	18.945	0.186	18.977	0.207	19.012	0.219	26.671	0.009	26.701	-0.003	26.727	0.022	26.746	0.047
19.034	0.232	19.053	0.274	19.068	0.290	19.088	0.240	26.780	0.034	26.792	0.051	26.819	0.072	26.851	0.050
19.133	0.197	19.123	0.176	19.149	0.163	19.168	0.100	26.878	0.029	26.918	0.008	26.953	-0.013	26.984	-0.035
19.193	0.032	19.217	-0.010	19.238	0.019	19.263	0.027	27.009	-0.047	27.033	-0.077	27.039	-0.098	27.060	-0.060
19.303	-0.108	19.337	-0.075	19.367	-0.113	19.399	-0.135	27.081	-0.031	27.116	-0.015	27.141	-0.023	27.167	-0.011
19.411	-0.160	19.442	-0.148	19.475	-0.195	19.505	-0.153	27.181	-0.007	27.201	-0.031	27.224	0.018	27.249	0.039
19.518	-0.124	19.551	-0.154	19.583	-0.116	19.602	-0.133	27.278	-0.008	27.309	0.005	27.357	-0.025	27.359	-0.017
19.632	-0.167	19.661	-0.143	19.688	-0.151	19.723	-0.169	27.386	0.033	27.438	0.071	27.471	0.045	27.501	0.049
19.751	-0.161	19.775	-0.174	19.836	-0.233	19.869	-0.188	27.535	0.036	27.557	0.006	27.593	0.040	27.633	0.032
19.907	-0.192	19.942	-0.168	19.970	-0.193	20.007	-0.164	27.671	0.009	27.674	0.044	27.701	0.027	27.729	-0.023
20.042	-0.161	20.085	-0.077	20.112	-0.027	20.148	0.057	27.770	-0.048	27.822	-0.044	27.863	-0.061	27.910	-0.086
20.182	0.103	20.218	0.132	20.243	0.152	20.277	0.219	27.969	-0.048	28.040	-0.006	28.103	-0.039	28.166	-0.060
20.296	0.177	20.323	0.122	20.351	0.142	20.388	0.083	28.186	-0.055	28.219	-0.042	28.243	-0.034	28.287	-0.046
20.426	0.015	20.453	0.086	20.477	0.128	20.505	0.144	28.342	-0.058	28.388	-0.100	28.446	-0.091	28.503	-0.082
20.567	0.152	20.632	0.201	20.669	0.133	20.699	0.107	28.544	-0.043	28.588	0.003	28.618	0.078	28.652	0.086
20.752	0.051	20.809	-0.005	20.857	-0.057	20.885	-0.086	28.687	0.069	28.747	0.043	28.793	0.008	28.801	0.008
20.933	-0.163	20.957	-0.147	20.997	-0.207	21.020	-0.165	28.837	0.021	28.873	0.003	28.908	0.015	28.938	0.057
21.054	-0.165	21.087	-0.145	21.135	-0.069	21.172	0.040	28.991	0.057	29.025	0.056	29.049	0.064	29.082	0.093
21.210	0.165	21.257	0.199	21.295	0.236	21.357	0.290	29.101	0.114	29.124	0.139	29.147	0.160	29.172	0.189
21.404	0.231	21.436	0.121	21.474	0.074	21.506	0.032	29.191	0.213	29.209	0.231	29.223	0.156	29.321	0.122
21.533	-0.027	21.564	-0.171	21.602	-0.196	21.786	-0.247	29.258	0.208	29.278	0.186	29.302	0.156	29.321	0.122
21.656	-0.196	21.712	-0.116	21.754	-0.066	21.786	-0.020	29.338	0.084	29.356	0.062	29.384	0.062	29.408	0.031
21.836	0.052	21.841	0.102	21.874	0.136	21.901	0.203	29.427	-0.007	29.447	0.005	29.466	0.039	29.487	0.034
21.938	0.262	21.953	0.275	21.993	0.249	22.018	0.283	29.506	0.033	29.528	0.071	29.541	0.100	29.558	0.100
22.050	0.300	22.081	0.245	22.101	0.199	22.124	0.148	29.571	0.078	29.590	0.103	29.613	0.146	29.631	0.112
22.149	0.072	22.164	0.030	22.189	0.009	22.213	0.0	29.643	0.053	29.656	-0.006	29.670	-0.031	29.700	-0.052
22.251	-0.084	22.309	-0.202	22.355	-0.185	22.407	-0.173	29.719	-0.098	29.741	-0.144	29.759	-0.169	29.790	-0.160
22.444	-0.172	22.463	-0.164	22.527	-0.071	22.580	0.009	29.822	-0.198	29.843	-0.223	29.873	-0.172	29.898	-0.143

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29.934	-0.104	29.976	-0.070	30.017	-0.062	30.037	-0.062	38.821	-0.038	38.855	-0.077	38.886	-0.056	38.928	-0.069
30.056	-0.004	30.077	0.034	30.112	-0.013	30.145	0.050	38.975	-0.045	39.013	-0.007	39.058	0.034	39.128	0.046
30.177	0.139	30.207	0.227	30.222	0.273	30.252	0.277	39.191	0.050	39.240	0.045	39.277	-0.006	39.331	-0.044
30.298	0.277	30.324	0.213	30.346	0.158	30.370	0.158	39.375	-0.074	39.396	-0.096	39.423	-0.084	39.469	-0.122
30.400	0.077	30.427	0.005	30.464	-0.105	30.504	-0.203	39.515	-0.060	39.573	-0.002	39.645	0.073	39.693	0.139
30.560	-0.204	30.598	-0.280	30.647	-0.159	30.680	-0.173	39.721	0.143	39.769	0.121	39.814	0.057	39.865	0.002
30.709	-0.102	30.736	-0.035	30.769	0.070	30.788	0.141	39.898	-0.037	39.951	-0.113	40.007	-0.173	40.098	-0.086
30.828	0.195	30.876	0.257	30.904	0.223	30.941	0.277	40.166	0.027	40.231	0.106	40.282	0.106	40.386	0.075
30.968	0.222	31.001	0.124	31.036	0.123	31.066	0.043	40.439	0.053	40.493	0.031	40.543	0.010	40.585	-0.054
31.094	0.0	31.119	0.0	31.163	-0.123	31.190	-0.132	40.629	-0.105	40.685	-0.106	40.760	-0.056	40.824	-0.019
31.208	-0.171	31.233	-0.226	31.267	-0.189	31.297	-0.214	40.896	0.035	40.979	0.072	41.043	0.101	41.124	0.100
31.328	-0.139	31.360	-0.089	31.400	0.011	31.443	0.094	41.216	0.018	41.301	-0.056	41.352	-0.082	41.412	-0.087
31.470	0.136	31.493	0.190	31.527	0.261	31.559	0.231	41.436	-0.088	41.473	-0.017	41.527	0.037	41.590	0.065
31.582	0.289	31.606	0.238	31.627	0.187	31.652	0.187	41.646	0.064	41.688	0.063	41.733	0.012	41.773	-0.022
31.682	0.068	31.716	0.085	31.754	-0.030	31.790	-0.039	41.828	-0.023	41.876	-0.024	41.922	-0.050	41.966	-0.080
31.823	-0.157	31.860	-0.230	31.901	-0.256	31.937	-0.273	42.022	-0.064	42.071	-0.064	42.124	-0.031	42.181	0.032
31.975	-0.211	32.013	-0.169	32.040	-0.102	32.082	-0.048	42.230	0.053	42.287	0.049	42.344	0.049	42.383	0.007
32.132	0.081	32.189	0.127	32.225	0.168	32.259	0.193	42.456	-0.006	42.491	-0.006	42.526	0.002	42.586	-0.015
32.283	0.243	32.310	0.204	32.335	0.162	32.352	0.191	42.622	-0.019	42.652	0.010	42.710	0.010	42.772	0.018
32.380	0.107	32.410	0.039	32.448	-0.021	32.485	-0.013	42.795	-0.024	42.834	0.014	42.878	-0.011	42.915	0.018
32.529	-0.085	32.567	-0.069	32.600	-0.090	32.638	-0.108	42.954	0.048	42.992	0.069	43.044	0.089	43.092	0.076
32.685	-0.087	32.728	-0.122	32.758	-0.055	32.783	-0.030	43.141	0.063	43.180	0.051	43.220	0.038	43.289	0.012
32.944	0.124	32.981	0.132	32.996	0.098	33.036	0.174	43.331	-0.018	43.370	-0.043	43.418	-0.035	43.465	-0.048
33.080	0.085	33.121	0.093	33.169	-0.013	33.229	-0.081	43.722	-0.029	43.754	-0.029	43.804	-0.055	43.862	-0.064
33.280	-0.106	33.356	-0.040	33.423	0.069	33.458	0.111	43.936	-0.065	43.980	-0.078	44.038	-0.086	44.119	-0.087
33.525	0.077	33.568	0.051	33.614	0.080	33.644	0.029	44.160	-0.062	44.214	-0.024	44.263	0.014	44.339	0.030
33.681	0.071	33.710	0.041	33.743	0.092	33.802	0.078	44.384	0.009	44.431	-0.029	44.482	-0.063	44.536	-0.059
33.836	0.028	33.898	0.002	33.920	-0.019	33.957	0.095	44.605	-0.043	44.655	0.007	44.703	0.058	44.756	0.074
34.021	-0.121	34.029	-0.121	34.083	-0.041	34.145	-0.008	44.815	0.069	44.865	0.086	44.910	0.069	44.957	0.026
34.212	0.064	34.236	0.072	34.287	0.009	34.333	-0.063	44.987	0.005	45.037	-0.008	45.083	-0.030	45.138	-0.035
34.391	-0.152	34.424	-0.102	34.475	-0.102	34.530	-0.077	45.186	-0.031	45.220	-0.007	45.268	0.039	45.327	0.059
34.570	-0.123	34.603	-0.069	34.641	-0.099	34.692	-0.015	45.378	0.071	45.454	0.082	45.503	0.043	45.566	-0.013
34.736	-0.019	34.775	0.052	34.822	0.073	34.856	0.107	45.648	-0.027	45.697	-0.036	45.776	-0.012	45.820	-0.013
34.902	0.106	34.945	0.081	34.975	0.080	35.021	0.0	45.870	-0.014	45.912	-0.040	45.961	-0.003	46.032	0.013
35.057	-0.001	35.097	-0.039	35.140	-0.015	35.179	0.002	46.098	0.028	46.159	0.048	46.198	0.018	46.256	0.017
35.244	0.093	35.305	0.130	35.342	0.180	35.385	0.167	46.312	0.016	46.383	0.015	46.452	0.044	46.496	0.051
35.429	0.196	35.461	0.120	35.513	0.056	35.547	0.026	46.557	0.031	46.604	0.046	46.643	0.066	46.694	0.032
35.584	0.034	35.635	0.0	35.672	0.008	35.700	-0.017	46.773	0.031	46.820	0.031	46.858	0.031	46.874	0.022
35.742	0.041	35.796	0.087	35.830	0.091	35.865	0.073	46.948	0.030	47.003	0.046	47.069	0.071	47.118	0.070
35.912	0.073	35.957	0.115	35.991	0.077	36.055	0.026	47.194	0.036	47.266	-0.003	47.330	-0.054	47.405	-0.072
36.091	0.026	36.134	-0.016	36.180	-0.029	36.215	-0.054	47.459	-0.119	47.511	-0.149	47.580	-0.120	47.631	-0.088
36.243	-0.096	36.281	-0.075	36.339	-0.080	36.398	-0.071	47.685	-0.055	47.734	-0.018	47.772	0.023	47.827	0.052
36.458	-0.063	36.558	-0.046	36.625	-0.046	36.689	-0.004	47.858	0.072	47.903	0.042	47.942	0.037	47.975	-0.006
36.749	-0.004	36.813	-0.004	36.852	-0.034	36.885	-0.021	48.016	-0.028	48.070	-0.037	48.108	-0.038	48.150	-0.039
36.923	-0.038	36.978	-0.038	37.032	-0.072	37.075	-0.055	48.198	-0.019	48.256	0.014	48.301	0.017	48.362	0.058
37.113	-0.072	37.140	-0.039	37.191	-0.035	37.232	0.003	48.411	0.082	48.446	0.065	48.506	0.043	48.575	0.034
37.287	0.037	37.333	-0.006	37.382	0.003	37.431	-0.040	48.639	-0.062	48.692	0.003	48.743	-0.040	48.792	-0.066
37.490	-0.041	37.522	-0.016	37.571	-0.054	37.612	-0.068	48.839	-0.056	48.881	-0.063	48.909	-0.029	48.965	0.008
37.653	-0.068	37.700	-0.010	37.722	-0.010	37.771	0.048	48.996	0.020	49.031	0.024	49.068	0.040	49.117	0.023
37.798	0.048	37.841	0.072	37.882	0.072	37.926	0.096	49.170	0.023	49.215	0.006	49.272	-0.007	49.330	-0.037
37.968	0.071	38.025	0.002	38.058	-0.032	38.090	-0.012	49.395	-0.034	49.464	-0.033	49.548	0.004	49.588	0.021
38.126	-0.013	38.172	0.050	38.208	0.040	38.253	0.107	49.640	0.055	49.693	0.084	49.758	0.071	49.824	0.045
38.287	0.106	38.325	0.156	38.360	0.134	38.404	0.154	49.885	0.007	49.936	-0.018	49.980	-0.035	50.049	-0.065
38.446	0.069	38.484	0.068	38.537	0.008	38.607	-0.060	50.101	-0.078	50.151	-0.041	50.221	0.005	50.283	0.004
38.651	-0.103	38.691	-0.078	38.745	-0.058	38.780	-0.084	50.344	0.021	50.387	0.029	50.453	0.011	50.549	-0.002

IE074

71-047 4680 WILSHIRE, 6TH FLOOR 2/9/71 0600PST DOWN

3860 POINTS 58.363 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1477 G/10.

	50.608	-0.028	50.665	-0.007	50.733	0.005	50.830	0.029
50.876	-0.009	50.914	0.024	50.952	0.003	50.993	0.011	
51.034	-0.027	51.105	-0.028	51.211	-0.038	51.302	-0.002	
51.395	0.022	51.446	0.055	51.492	0.079	51.539	0.045	
51.584	0.011	51.625	-0.020	51.680	-0.059	51.722	-0.090	
51.776	0.087	51.813	-0.088	51.860	-0.047	51.914	0.002	
51.951	0.039	52.000	0.080	52.053	0.113	52.107	0.132	
52.148	0.127	52.210	0.084	52.266	0.053	52.304	0.015	
52.356	-0.028	52.416	-0.046	52.447	-0.047	52.480	-0.010	
52.520	-0.002	52.555	0.031	52.601	0.064	52.648	0.088	
52.705	0.079	52.751	0.061	52.800	0.031	52.837	0.014	
52.874	0.006	52.921	0.001	52.970	-0.016	53.041	-0.016	
53.102	-0.025	53.142	-0.042	53.183	-0.059	53.216	-0.072	
53.253	-0.038	53.289	-0.025	53.324	-0.025	53.348	-0.017	
53.392	0.029	53.434	0.029	53.488	0.038	53.538	0.017	
53.594	0.004	53.646	-0.030	53.687	-0.051	53.749	-0.069	
53.816	-0.069	53.859	-0.069	53.906	-0.078	53.954	-0.032	
53.995	-0.032	54.044	-0.024	54.116	-0.038	54.147	-0.039	
54.176	-0.006	54.208	0.019	54.244	-0.007	54.282	-0.042	
54.326	-0.060	54.377	-0.061	54.412	-0.062	54.433	-0.075	
54.461	-0.063	54.498	-0.039	54.529	-0.027	54.571	-0.028	
54.610	-0.029	54.643	-0.005	54.677	0.007	54.715	0.022	
54.746	0.026	54.775	0.012	54.819	0.022	54.852	0.001	
54.871	-0.012	54.901	-0.008	54.925	-0.039	54.949	-0.065	
54.982	-0.045	55.011	-0.067	55.049	-0.042	55.080	-0.035	
55.117	-0.023	55.161	-0.007	55.201	0.014	55.243	0.030	
55.294	0.030	55.325	0.029	55.347	0.025	55.379	0.025	
55.409	-0.001	55.436	-0.031	55.472	-0.031	55.510	-0.032	
55.546	-0.032	55.572	-0.032	55.592	-0.032	55.615	-0.033	
55.637	-0.033	55.669	0.005	55.692	0.031	55.718	0.039	
55.756	0.065	55.791	0.086	55.815	0.095	55.846	0.103	
55.878	0.091	55.915	0.074	55.954	0.053	56.005	0.028	
56.042	-0.001	56.075	-0.027	56.130	-0.026	56.161	-0.027	
56.196	-0.027	56.235	-0.028	56.262	-0.003	56.291	0.039	
56.343	0.038	56.388	0.021	56.429	0.020	56.448	0.020	
56.486	0.019	56.520	0.002	56.572	-0.011	56.623	-0.016	
56.667	-0.017	56.691	-0.001	56.728	0.019	56.767	0.051	
56.797	0.041	56.836	0.040	56.886	0.039	56.926	0.037	
56.940	0.041	56.970	0.023	57.009	0.018	57.029	0.004	
57.064	0.003	57.093	0.011	57.122	0.002	57.149	-0.011	
57.196	-0.016	57.235	-0.005	57.267	-0.009	57.310	-0.010	
57.349	-0.002	57.381	0.006	57.430	0.022	57.467	0.046	
57.484	0.042	57.505	0.045	57.529	0.037	57.570	0.023	
57.613	-0.011	57.655	-0.028	57.722	-0.061	57.778	-0.053	
57.826	-0.036	57.886	0.001	57.937	0.035	57.978	0.047	
58.015	0.073	58.070	0.064	58.106	0.084	58.148	0.017	
58.202	-0.029	58.239	-0.050	58.294	-0.084	58.350	-0.076	
58.367	-0.076							

1.165	-0.632	1.173	-0.383	1.178	-0.135	1.183	-0.029	2.721	0.438	2.726	0.544	2.731	0.506	2.735	0.375
1.189	0.253	1.195	0.413	1.208	0.666	1.218	0.733	2.739	0.253	2.747	-0.029	2.755	-0.244	2.761	-0.353
1.223	0.822	1.232	0.510	1.235	0.367	1.240	-0.100	2.769	-0.459	2.782	-0.273	2.787	-0.080	2.798	0.068
1.247	-0.437	1.253	-0.698	1.261	-0.934	1.269	-0.018	2.803	-0.489	2.808	0.396	2.812	0.607	2.822	0.636
1.274	-0.068	1.284	-1.073	1.285	-1.035	1.293	-0.795	2.827	0.489	2.836	0.362	2.846	0.632	2.859	0.257
1.300	-0.483	1.303	-0.167	1.306	-0.011	1.312	0.254	2.865	0.047	2.872	-0.046	2.883	-0.059	2.891	-0.076
1.314	0.414	1.319	0.646	1.324	0.865	1.332	0.970	2.896	-0.240	2.905	-0.248	2.910	-0.223	2.917	-0.299
1.340	0.012	1.353	0.848	1.364	0.722	1.370	0.570	2.925	-0.513	2.934	-0.202	2.947	-0.033	2.950	0.017
1.372	0.364	1.378	0.141	1.383	-0.049	1.388	-0.192	2.962	0.177	2.966	-0.017	2.973	-0.160	2.981	-0.261
1.391	-0.390	1.396	-0.512	1.402	-0.655	1.407	-0.659	2.989	-0.341	2.995	-0.391	3.002	-0.467	3.011	-0.497
1.415	-0.587	1.420	-0.453	1.423	-0.267	1.426	-0.158	3.016	-0.400	3.026	-0.303	3.039	-0.194	3.045	-0.105
1.431	-0.044	1.434	0.124	1.439	0.255	1.442	0.326	3.051	-0.055	3.059	-0.105	3.064	-0.131	3.079	-0.156
1.449	0.600	1.455	0.680	1.458	0.706	1.465	0.832	3.088	-0.021	3.093	-0.080	3.098	-0.164	3.103	-0.232
1.470	0.891	1.476	0.912	1.479	0.849	1.484	0.777	3.111	-0.337	3.121	-0.329	3.130	-0.186	3.140	-0.017
1.487	0.592	1.490	0.407	1.497	0.268	1.498	0.121	3.153	0.075	3.166	0.223	3.167	0.315	3.179	0.564
1.503	-0.052	1.510	-0.225	1.511	-0.368	1.516	-0.524	3.185	0.736	3.200	0.981	3.208	0.778	3.214	0.564
1.521	-0.713	1.526	-0.970	1.535	-1.079	1.543	-1.020	3.224	-0.399	3.232	0.197	3.238	-0.047	3.245	-0.304
1.547	-0.805	1.550	-0.662	1.556	-0.363	1.563	-0.028	3.256	-0.418	3.262	-0.535	3.269	-0.544	3.275	-0.367
1.569	0.391	1.582	0.471	1.590	0.572	1.596	0.656	3.285	-0.110	3.295	0.054	3.303	0.214	3.311	0.332
1.606	0.782	1.609	0.698	1.612	0.538	1.619	0.231	3.316	0.424	3.324	0.551	3.330	0.643	3.333	0.690
1.622	-0.071	1.627	-0.194	1.633	-0.384	1.638	-0.645	3.340	0.727	3.343	0.618	3.351	0.458	3.354	0.289
1.646	-0.594	1.659	-0.607	1.676	-0.577	1.689	-0.388	3.359	0.176	3.366	0.049	3.367	-0.010	3.372	-0.300
1.690	-0.202	1.697	-0.055	1.702	-0.017	1.703	0.210	3.379	-0.494	3.387	-0.629	3.393	-0.730	3.400	-0.890
1.708	0.345	1.716	0.463	1.726	0.497	1.730	0.392	3.412	-0.578	3.421	-0.477	3.427	-0.372	3.430	-0.250
1.738	0.228	1.746	0.164	1.753	0.063	1.759	-0.012	3.432	-0.128	3.438	0.041	3.443	0.159	3.448	0.243
1.764	-0.092	1.775	-0.164	1.778	-0.189	1.788	-0.286	3.453	0.356	3.461	0.407	3.469	0.306	3.475	0.272
1.799	-0.404	1.810	-0.446	1.821	-0.222	1.823	-0.121	3.487	0.217	3.495	0.171	3.501	0.259	3.511	0.120
1.833	0.068	1.841	0.211	1.845	0.279	1.856	0.405	3.519	0.217	3.529	0.284	3.535	0.259	3.537	0.213
1.863	0.426	1.871	0.262	1.877	0.136	1.882	0.014	3.541	0.120	3.548	0.052	3.553	-0.040	3.559	-0.087
1.890	-0.108	1.900	-0.058	1.908	0.026	1.919	0.069	3.566	-0.217	3.575	-0.129	3.587	-0.032	3.596	0.064
1.928	0.157	1.938	0.220	1.944	0.216	1.954	0.174	3.603	0.119	3.612	0.186	3.617	0.279	3.619	0.350
1.965	0.220	1.971	0.107	1.978	-0.066	1.986	-0.179	3.625	0.409	3.632	0.451	3.645	0.485	3.648	0.379
2.003	-0.272	2.007	-0.323	2.011	-0.369	2.026	-0.230	3.649	-0.173	3.654	-0.064	3.659	-0.042	3.664	-0.101
2.034	-0.141	2.040	0.069	2.050	0.153	2.054	0.246	3.666	-0.172	3.672	-0.290	3.678	-0.392	3.683	-0.501
2.062	0.276	2.067	0.162	2.078	-0.053	2.082	-0.137	3.690	-0.467	3.698	-0.472	3.704	-0.489	3.715	-0.257
2.091	-0.263	2.102	-0.377	2.105	-0.465	2.110	-0.528	3.728	-0.131	3.733	-0.051	3.741	0.062	3.748	0.142
2.117	-0.604	2.123	-0.566	2.137	-0.436	2.144	-0.356	3.754	0.214	3.761	0.273	3.769	0.327	3.777	0.352
2.152	-0.179	2.161	-0.044	2.168	0.040	2.176	0.019	3.783	0.235	3.788	0.205	3.794	0.154	3.802	0.091
2.187	0.078	2.196	0.188	2.203	0.276	2.206	0.344	3.814	-0.002	3.817	-0.078	3.820	-0.145	3.827	-0.225
2.215	0.390	2.225	0.226	2.228	0.150	2.233	0.079	3.831	-0.293	3.838	-0.381	3.843	-0.428	3.848	-0.491
2.241	-0.065	2.252	-0.153	2.258	-0.208	2.273	-0.195	3.857	-0.323	3.864	-0.213	3.872	-0.116	3.878	-0.024
2.285	-0.148	2.297	-0.089	2.308	-0.060	2.312	-0.115	3.885	0.089	3.891	0.161	3.896	0.241	3.897	0.464
2.327	-0.123	2.336	-0.009	2.346	0.104	2.354	0.252	3.901	0.599	3.904	0.873	3.910	0.877	3.915	0.776
2.359	0.340	2.368	0.475	2.375	0.542	2.383	0.576	3.920	0.573	3.923	0.380	3.931	0.203	3.936	0.110
2.390	0.298	2.392	0.143	2.398	-0.064	2.406	-0.283	3.941	0.017	3.946	-0.147	3.959	-0.194	3.967	-0.274
2.411	-0.826	2.418	-0.615	2.422	-0.720	2.429	-0.847	3.973	-0.299	3.980	-0.333	3.988	-0.333	3.997	-0.106
2.437	-0.939	2.449	-0.725	2.456	-0.421	2.462	-0.055	3.999	0.037	4.001	0.181	4.004	0.298	4.007	0.421
2.467	0.151	2.476	0.417	2.484	0.825	2.492	1.149	4.017	0.601	4.025	0.639	4.031	0.521	4.034	0.450
2.500	1.133	2.507	0.960	2.513	0.648	2.519	0.563	4.039	0.281	4.046	0.172	4.057	0.066	4.062	-0.073
2.526	0.396	2.531	0.055	2.537	-0.261	2.540	-0.539	4.070	-0.183	4.078	-0.284	4.084	-0.393	4.081	-0.486
2.547	-0.657	2.556	-0.745	2.564	-0.505	2.570	-0.328	4.089	-0.591	4.094	-0.452	4.102	-0.263	4.108	-0.141
2.575	-0.198	2.580	-0.012	2.585	-0.046	2.590	-0.265	4.113	-0.023	4.120	0.171	4.123	0.297	4.129	0.516
2.598	-0.214	2.609	-0.029	2.609	0.059	2.614	0.177	4.137	0.701	4.140	0.781	4.144	0.891	4.152	1.177
2.620	0.249	2.626	0.123	2.634	-0.012	2.642	-0.025	4.155	0.798	4.160	0.524	4.168	0.368	4.171	0.187
2.652	0.080	2.660	0.165	2.665	0.228	2.668	0.249	4.173	0.124	4.177	-0.002	4.184	-0.263	4.185	-0.411
2.673	0.198	2.681	0.059	2.699	0.224	2.711	0.333	4.190	-0.621	4.197	-0.802	4.205	-0.975	4.211	-0.950

4.218	-0.764	4.224	-0.613	4.230	-0.394	4.238	-0.116	5.776	-0.159	5.780	-0.214	5.796	-0.218	5.811	-0.185
4.242	-0.049	4.248	0.246	4.251	0.494	4.256	0.617	5.820	-0.227	5.828	-0.218	5.846	-0.075	5.849	0.021
4.259	0.768	4.264	1.008	4.267	1.033	4.275	0.932	5.854	0.143	5.862	0.240	5.872	0.320	5.875	0.387
4.277	0.831	4.285	0.709	4.287	0.654	4.290	0.482	5.881	0.488	5.888	0.282	5.892	0.092	5.897	-0.207
4.295	0.381	4.296	0.229	4.300	0.073	4.301	-0.061	5.904	-0.405	5.907	-0.620	5.912	-0.734	5.921	-0.650
4.308	-0.209	4.314	0.373	4.322	-0.516	4.328	-0.681	5.923	-0.317	5.929	-0.166	5.937	-0.094	5.945	-0.124
4.333	-0.790	4.336	-0.731	4.345	-0.521	4.353	-0.403	5.961	0.002	5.968	0.078	5.969	0.048	5.976	-0.036
4.359	-0.293	4.367	-0.125	4.373	0.031	4.377	0.027	5.979	-0.082	5.984	-0.163	5.988	-0.209	5.993	-0.171
4.383	-0.087	4.389	-0.209	4.401	-0.205	4.406	-0.074	6.001	-0.045	6.003	0.001	6.012	0.098	6.019	0.216
4.410	-0.032	4.415	-0.003	4.423	-0.129	4.426	-0.163	6.027	0.224	6.032	0.144	6.036	0.081	6.044	0.047
4.430	-0.277	4.442	-0.083	4.447	0.018	4.454	0.107	6.052	0.244	6.059	0.320	6.060	0.392	6.068	0.261
4.462	-0.117	4.465	-0.180	4.473	-0.226	4.483	-0.104	6.078	0.160	6.083	0.113	6.086	0.090	6.091	-0.005
4.487	-0.041	4.494	0.052	4.499	0.090	4.505	-0.015	6.099	0.142	6.112	0.247	6.112	0.407	6.116	0.424
4.513	-0.117	4.518	-0.209	4.520	-0.268	4.526	-0.331	6.121	-0.146	6.129	0.049	6.131	-0.006	6.137	-0.103
4.531	-0.285	4.537	-0.201	4.542	-0.138	4.544	-0.087	6.144	-0.204	6.150	-0.267	6.160	-0.330	6.166	-0.377
4.552	-0.020	4.558	-0.154	4.565	-0.272	4.569	-0.327	6.179	-0.167	6.184	0.035	6.192	0.178	6.200	0.254
4.573	-0.382	4.577	-0.373	4.582	-0.268	4.592	-0.142	6.208	-0.266	6.217	0.253	6.227	0.350	6.240	0.231
4.598	-0.007	4.605	0.090	4.610	0.195	4.616	0.233	6.243	0.168	6.251	0.029	6.257	-0.072	6.264	-0.161
4.618	0.262	4.622	0.119	4.629	0.014	4.630	-0.007	6.272	-0.317	6.278	-0.355	6.290	-0.187	6.296	-0.002
4.635	-0.083	4.642	-0.142	4.647	-0.150	4.653	-0.062	6.301	-0.166	6.309	0.301	6.315	0.313	6.322	0.141
4.656	0.044	4.666	0.111	4.667	0.153	4.672	0.187	6.333	0.111	6.338	0.216	6.347	0.317	6.360	0.165
4.682	0.090	4.687	0.039	4.691	-0.049	4.695	-0.100	6.368	0.060	6.373	0.005	6.376	-0.058	6.383	-0.121
4.704	-0.154	4.712	-0.167	4.724	-0.133	4.732	-0.095	6.399	0.026	6.407	-0.096	6.415	-0.244	6.423	-0.328
4.738	-0.061	4.743	-0.036	4.749	0.010	4.759	0.048	6.424	-0.336	6.426	-0.197	6.436	0.118	6.442	0.228
4.764	0.111	4.769	0.158	4.780	0.010	4.788	0.090	6.450	0.375	6.458	0.202	6.463	0.110	6.469	-0.082
4.794	0.137	4.796	0.183	4.806	0.242	4.810	0.326	6.476	-0.122	6.480	-0.168	6.488	-0.063	6.495	-0.223
4.815	0.394	4.817	0.330	4.822	0.246	4.830	0.145	6.501	-0.341	6.509	-0.371	6.516	-0.198	6.522	0.034
4.836	0.111	4.844	0.213	4.849	0.263	4.854	0.314	6.532	0.289	6.535	0.332	6.541	0.542	6.551	0.349
4.860	0.238	4.867	0.179	4.868	0.154	4.878	0.116	6.554	0.189	6.561	0.071	6.567	-0.056	6.575	-0.043
4.887	0.200	4.892	0.246	4.899	0.280	4.907	0.196	6.583	0.138	6.591	0.235	6.593	0.294	6.598	0.163
4.912	0.154	4.918	0.108	4.923	0.040	4.928	-0.015	6.605	0.053	6.613	-0.031	6.628	-0.162	6.637	-0.239
4.936	0.070	4.945	0.124	4.952	0.183	4.955	0.209	6.642	-0.267	6.657	-0.094	6.661	0.036	6.669	0.121
4.961	0.133	4.968	0.074	4.971	0.032	4.981	0.045	6.676	0.302	6.685	0.369	6.689	0.268	6.698	0.121
4.982	0.074	4.987	0.141	4.994	0.045	5.000	-0.023	6.708	0.083	6.719	0.147	6.730	0.041	6.740	-0.102
5.002	-0.014	5.013	0.049	5.019	0.095	5.026	0.129	6.749	-0.194	6.756	-0.278	6.764	-0.299	6.775	-0.215
5.034	0.167	5.040	0.222	5.042	0.222	5.048	0.272	6.781	-0.236	6.789	-0.088	6.797	0.038	6.804	0.157
5.058	0.276	5.067	0.184	5.079	0.121	5.080	0.112	6.810	0.123	6.823	0.220	6.829	0.064	6.839	0.182
5.090	0.045	5.091	-0.001	5.098	-0.081	5.106	-0.157	6.849	-0.121	6.864	0.006	6.874	-0.179	6.884	-0.205
5.111	-0.187	5.116	-0.258	5.122	-0.321	5.135	-0.132	6.898	-0.049	6.900	0.006	6.912	-0.200	6.916	0.276
5.138	-0.081	5.148	0.041	5.159	0.155	5.160	0.146	6.920	0.158	6.924	0.040	6.930	-0.048	6.938	0.095
5.167	0.041	5.173	-0.027	5.181	-0.115	5.191	-0.174	6.948	0.209	6.954	0.289	6.957	0.163	6.967	-0.027
5.199	-0.233	5.208	-0.229	5.221	-0.220	5.231	-0.224	6.968	-0.060	6.980	-0.157	6.986	-0.237	6.989	-0.287
5.247	-0.060	5.257	0.096	5.265	0.197	5.271	0.272	7.002	-0.153	7.013	-0.089	7.028	-0.005	7.039	0.050
5.279	0.154	5.290	0.066	5.300	-0.006	5.308	-0.056	7.052	0.083	7.060	0.041	7.064	-0.013	7.072	-0.064
5.322	0.066	5.335	0.112	5.342	0.019	5.350	-0.099	7.084	-0.132	7.088	-0.203	7.093	-0.241	7.099	-0.236
5.354	-0.128	5.361	-0.056	5.369	0.040	5.378	0.167	7.109	-0.152	7.114	-0.060	7.120	-0.060	7.133	-0.089
5.386	0.011	5.394	-0.107	5.407	-0.225	5.412	-0.255	7.147	0.101	7.149	0.126	7.158	0.181	7.171	0.265
5.425	-0.213	5.444	-0.133	5.458	-0.040	5.468	-0.078	7.174	0.151	7.184	0.067	7.192	-0.001	7.200	-0.093
5.478	0.019	5.486	0.040	5.497	-0.166	5.500	-0.234	7.212	-0.144	7.225	-0.043	7.238	0.007	7.251	0.083
5.508	-0.305	5.534	-0.318	5.544	-0.360	5.542	-0.394	7.257	0.150	7.267	0.251	7.273	0.306	7.279	0.339
5.553	-0.436	5.567	-0.403	5.577	-0.272	5.580	-0.188	7.282	0.285	7.294	0.200	7.298	0.171	7.306	0.116
5.590	-0.003	5.601	0.077	5.617	-0.091	5.632	0.132	7.317	0.053	7.322	0.015	7.327	-0.036	7.338	-0.015
5.636	0.216	5.646	0.279	5.654	0.094	5.665	-0.024	7.345	-0.023	7.357	-0.141	7.368	-0.003	7.381	0.107
5.673	-0.100	5.676	-0.142	5.689	-0.247	5.700	-0.337	7.383	0.140	7.391	0.246	7.399	-0.258	7.416	0.228
5.704	-0.399	5.713	-0.454	5.724	-0.260	5.731	-0.121	7.424	0.338	7.429	0.287	7.435	0.178	7.440	0.119
5.737	-0.037	5.744	-0.022	5.752	0.026	5.766	-0.083	7.451	0.022	7.459	-0.058	7.465	-0.029	7.475	0.051

7.489	-0.021	7.492	0.046	7.502	0.152	7.510	0.135	9.712	0.002	9.722	-0.041	9.728	-0.078	9.746	-0.121
7.515	0.076	7.526	0.063	7.534	0.198	7.537	0.265	9.762	-0.155	9.776	-0.020	9.785	-0.094	9.797	0.064
7.542	0.324	7.543	0.328	7.550	0.273	7.559	0.218	9.805	0.140	9.809	0.081	9.822	-0.080	9.830	-0.164
7.567	0.147	7.572	0.117	7.577	0.045	7.588	-0.039	9.840	-0.236	9.852	-0.307	9.859	-0.291	9.870	-0.198
7.593	-0.043	7.612	-0.058	7.618	0.066	7.624	0.041	9.880	-0.118	9.886	-0.038	9.897	-0.005	9.910	0.022
7.639	-0.075	7.655	0.263	7.658	0.310	7.671	0.322	9.918	0.054	9.926	0.100	9.943	0.171	9.956	0.016
7.677	0.221	7.690	0.053	7.693	-0.015	7.699	-0.116	9.971	-0.031	9.983	0.083	9.998	0.040	10.012	0.204
7.707	-0.288	7.720	-0.373	7.739	-0.238	7.755	-0.082	10.031	0.225	10.038	0.137	10.044	0.052	10.060	0.010
7.763	-0.090	7.771	-0.044	7.779	0.049	7.788	0.141	10.076	0.111	10.086	0.161	10.097	0.085	10.105	0.018
7.801	0.213	7.809	0.154	7.826	0.019	7.834	-0.069	10.114	-0.012	10.122	0.127	10.129	0.190	10.135	0.245
7.842	-0.162	7.853	-0.233	7.866	-0.233	7.879	-0.111	10.140	0.299	10.148	0.152	10.159	0.278	10.174	0.371
7.891	-0.027	7.898	0.036	7.907	0.057	7.914	0.099	10.182	0.190	10.190	0.189	10.191	0.134	10.201	0.067
7.922	0.125	7.929	0.129	7.941	0.125	7.945	0.020	10.211	0.008	10.219	-0.017	10.227	-0.018	10.239	0.083
7.953	-0.153	7.963	-0.233	7.966	-0.241	7.974	-0.174	10.251	0.176	10.257	0.226	10.270	0.289	10.276	0.339
7.987	-0.102	7.999	-0.001	8.004	0.037	8.012	0.066	10.283	0.386	10.291	0.394	10.292	0.209	10.302	0.112
8.028	0.003	8.031	0.020	8.047	0.092	8.049	0.108	10.310	0.099	10.320	0.061	10.329	0.094	10.352	0.140
8.063	0.218	8.071	0.226	8.082	0.306	8.088	0.399	10.371	0.072	10.385	0.105	10.392	0.156	10.409	0.223
8.095	0.378	8.106	0.239	8.112	0.168	8.125	0.088	10.417	0.134	10.424	0.058	10.430	-0.051	10.443	-0.043
8.133	-0.009	8.144	-0.030	8.154	0.050	8.165	0.164	10.454	0.053	10.464	0.020	10.478	0.028	10.493	0.086
8.178	0.185	8.190	0.134	8.205	0.265	8.211	0.316	10.506	0.191	10.519	0.250	10.520	0.259	10.527	0.145
8.221	0.362	8.227	0.417	8.240	0.295	8.252	0.215	10.536	0.031	10.544	-0.024	10.557	-0.075	10.570	-0.159
8.260	0.181	8.273	0.097	8.280	0.051	8.292	0.017	10.578	-0.239	10.591	-0.298	10.599	-0.235	10.604	-0.198
8.303	-0.008	8.316	-0.017	8.334	0.034	8.342	0.043	10.617	-0.105	10.628	0.033	10.641	0.092	10.647	-0.143
8.356	-0.096	8.364	-0.189	8.370	-0.197	8.380	-0.138	10.655	0.168	10.668	0.092	10.678	-0.001	10.688	-0.094
8.390	0.013	8.405	0.060	8.417	0.051	8.426	0.072	10.740	-0.225	10.749	-0.267	10.770	-0.142	10.791	-0.117
8.434	0.008	8.447	-0.096	8.458	-0.092	8.472	-0.003	10.804	-0.079	10.811	-0.025	10.825	-0.159	10.843	-0.286
8.477	0.031	8.485	0.085	8.504	0.149	8.514	0.064	10.856	-0.345	10.867	-0.308	10.909	-0.123	10.882	-0.114
8.527	-0.020	8.535	-0.087	8.541	-0.142	8.562	-0.036	10.905	-0.051	10.900	-0.030	10.909	-0.123	10.921	-0.182
8.574	-0.104	8.598	-0.040	8.606	-0.086	8.614	-0.124	10.934	-0.266	10.942	-0.249	10.952	-0.144	10.964	-0.043
8.622	-0.179	8.630	-0.154	8.635	-0.099	8.648	-0.040	10.968	0.020	10.977	0.018	10.987	-0.022	11.042	0.049
8.654	-0.006	8.664	0.028	8.682	-0.002	8.688	0.024	11.005	-0.060	11.018	-0.012	11.031	0.037	11.097	-0.060
8.695	-0.061	8.701	-0.149	8.707	-0.225	8.717	-0.300	11.047	0.032	11.062	-0.023	11.070	-0.044	11.083	-0.086
8.725	-0.309	8.733	-0.233	8.744	-0.174	8.749	-0.157	11.092	-0.069	11.102	-0.040	11.123	0.015	11.136	0.066
8.755	-0.212	8.764	-0.292	8.773	-0.30	8.786	-0.190	11.149	0.120	11.154	0.124	11.165	0.053	11.171	0.002
8.794	-0.123	8.802	-0.051	8.812	-0.009	8.816	-0.017	11.178	-0.057	11.189	-0.078	11.200	-0.044	11.210	-0.095
8.824	-0.051	8.836	-0.118	8.842	-0.148	8.849	-0.202	11.224	0.019	11.231	0.078	11.244	-0.019	11.262	0.052
8.860	-0.244	8.869	-0.202	8.882	-0.160	8.900	-0.109	11.278	-0.040	11.294	-0.129	11.300	-0.167	11.320	-0.167
8.906	-0.101	8.917	-0.143	8.926	-0.172	8.932	-0.189	11.328	-0.100	11.336	-0.091	11.353	-0.121	11.358	-0.095
8.943	-0.172	8.950	-0.121	8.959	-0.075	8.966	-0.016	11.371	-0.049	11.384	0.005	11.392	-0.045	11.407	-0.108
8.974	0.010	8.983	-0.074	8.993	-0.104	9.001	-0.112	11.413	-0.087	11.418	-0.049	11.428	0.018	11.439	0.077
9.014	-0.061	9.023	-0.044	9.033	-0.082	9.046	-0.099	11.455	0.001	11.463	-0.028	11.474	-0.083	11.482	-0.130
9.057	-0.044	9.071	0.028	9.086	0.062	9.097	0.087	11.489	-0.159	11.494	-0.064	11.508	-0.075	11.519	-0.024
9.107	0.062	9.113	0.037	9.126	-0.005	9.134	-0.039	11.532	0.026	11.542	0.064	11.558	0.107	11.568	0.136
9.140	-0.030	9.150	0.075	9.161	0.143	9.176	0.189	11.582	0.152	11.595	0.110	11.600	0.093	11.617	0.051
9.188	0.223	9.198	0.232	9.211	0.198	9.214	0.173	11.629	0.030	11.632	0.005	11.641	-0.029	11.649	-0.046
9.225	0.118	9.243	0.114	9.254	0.081	9.261	0.034	11.662	0.001	11.673	0.068	11.687	0.156	11.702	0.152
9.270	-0.003	9.283	-0.034	9.289	-0.041	9.297	0.043	11.713	0.165	11.726	0.207	11.740	0.228	11.756	0.177
9.309	0.123	9.323	0.149	9.350	0.136	9.363	0.124	11.769	0.135	11.788	0.131	11.807	0.152	11.816	0.127
9.368	0.082	9.376	0.044	9.384	-0.011	9.394	-0.078	11.834	0.101	11.845	0.097	11.864	0.135	11.886	0.177
9.406	-0.112	9.418	0.031	9.426	0.098	9.445	0.140	11.904	0.169	11.918	0.118	11.936	0.118	11.955	0.139
9.458	0.212	9.462	0.237	9.472	0.220	9.483	0.174	11.967	0.127	11.988	0.085	12.009	0.055	12.026	0.051
9.488	0.140	9.496	0.077	9.509	-0.066	9.520	-0.066	12.042	0.042	12.053	0.034	12.066	0.013	12.085	0.009
9.533	-0.028	9.544	-0.116	9.554	-0.062	9.559	-0.129	12.109	0.068	12.128	0.076	12.158	0.060	12.158	0.060
9.568	-0.020	9.584	0.124	9.597	0.166	9.605	0.111	12.169	0.039	12.175	0.026	12.188	0.005	12.196	-0.007
9.613	-0.163	9.626	-0.352	9.642	-0.403	9.656	-0.234	12.209	-0.028	12.221	-0.011	12.237	0.048	12.250	0.090
9.667	-0.163	9.675	-0.066	9.690	0.044	9.704	0.027								

12.264	0.115	12.270	0.128	12.289	0.077	12.299	0.052	15.741	0.085	15.746	0.064	15.772	0.035	15.789	0.064
12.316	0.002	12.337	-0.015	12.362	0.027	12.378	0.070	15.799	0.085	15.810	0.068	15.822	0.093	15.834	0.127
12.389	0.056	12.405	0.032	12.411	-0.014	12.425	0.052	15.851	0.139	15.862	0.168	15.881	0.214	15.896	0.235
12.438	-0.049	12.452	-0.019	12.463	-0.002	12.476	0.024	15.913	0.205	15.926	0.171	15.941	0.146	15.968	0.141
12.493	0.062	12.511	0.070	12.530	0.087	12.531	0.087	15.997	0.141	16.011	0.132	16.037	0.161	16.052	0.140
12.544	0.049	12.560	0.011	12.576	-0.035	12.588	-0.052	16.055	0.128	16.069	0.090	16.081	0.056	16.106	0.056
12.607	-0.077	12.615	-0.061	12.634	-0.006	12.653	0.024	16.112	0.081	16.124	0.110	16.139	0.156	16.156	0.152
12.666	0.011	12.684	-0.018	12.685	-0.040	12.707	-0.065	16.166	0.114	16.182	0.072	16.198	0.029	16.222	0.033
12.733	-0.099	12.735	-0.094	12.754	-0.061	12.765	-0.036	16.240	0.088	16.262	0.071	16.280	0.046	16.293	0.012
12.771	-0.015	12.785	0.032	12.804	0.040	12.816	-0.002	16.311	-0.005	16.332	0.012	16.349	0.038	16.357	0.025
12.833	-0.036	12.850	-0.057	12.863	-0.044	12.877	-0.057	16.369	0.012	16.385	-0.017	16.409	-0.025	16.427	-0.004
12.901	-0.070	12.924	-0.061	12.946	-0.049	12.968	-0.019	16.447	0.021	16.462	0.051	16.473	0.081	16.481	0.081
12.978	-0.028	12.990	-0.053	13.005	-0.078	13.016	-0.083	16.494	0.022	16.510	-0.050	16.520	-0.088	16.546	-0.054
13.028	-0.066	13.057	0.048	13.065	0.048	13.086	-0.070	16.563	-0.016	16.584	0.052	16.602	0.069	16.607	0.056
13.103	-0.141	13.127	0.234	13.135	-0.166	13.154	-0.052	16.626	0.023	16.645	-0.011	16.668	-0.040	16.672	-0.044
13.173	0.045	13.187	0.062	13.203	-0.022	13.213	-0.098	16.698	-0.002	16.719	0.011	16.729	0.044	16.735	0.032
13.224	-0.165	13.237	-0.215	13.254	-0.202	13.275	-0.067	16.764	-0.006	16.778	-0.027	16.796	-0.035	16.813	-0.001
13.288	-0.017	13.307	-0.025	13.315	-0.029	13.332	-0.071	16.844	0.045	16.850	0.041	16.870	0.016	16.884	-0.014
13.353	-0.087	13.369	-0.062	13.385	-0.053	13.396	-0.027	16.913	-0.018	16.921	-0.022	16.937	-0.056	16.950	-0.081
13.410	0.023	13.428	0.074	13.441	0.083	13.460	0.024	16.972	-0.077	16.991	-0.051	17.020	-0.052	17.044	-0.043
13.472	-0.035	13.484	-0.102	13.493	-0.123	13.522	-0.029	17.070	-0.064	17.089	-0.081	17.097	-0.090	17.108	-0.115
13.530	0.038	13.547	0.110	13.563	0.165	13.581	0.106	17.129	-0.153	17.145	-0.170	17.164	-0.153	17.174	-0.149
13.582	0.094	13.595	0.031	13.605	0.010	13.613	-0.003	17.193	-0.115	17.210	-0.086	17.228	-0.061	17.236	-0.077
13.627	-0.007	13.638	0.032	13.651	0.087	13.668	0.163	17.244	-0.094	17.260	-0.136	17.266	-0.157	17.285	-0.208
13.735	0.074	13.744	0.082	13.763	0.098	13.784	0.128	17.295	-0.200	17.314	-0.179	17.327	-0.153	17.336	-0.128
13.804	0.136	13.819	0.119	13.828	0.106	13.843	0.080	17.349	-0.116	17.355	-0.137	17.370	-0.166	17.387	-0.191
13.873	0.080	13.890	0.100	13.903	0.109	13.922	0.091	17.395	-0.208	17.408	-0.196	17.414	-0.192	17.427	-0.154
13.936	0.062	13.942	0.019	13.954	-0.002	14.033	-0.037	17.440	-0.103	17.453	-0.065	17.469	-0.061	17.481	-0.078
13.987	-0.070	14.006	-0.058	14.020	-0.029	14.033	-0.044	17.494	-0.108	17.509	-0.103	17.521	-0.087	17.536	-0.053
14.047	-0.012	14.088	0.012	14.082	-0.009	14.096	-0.018	17.544	-0.011	17.556	0.014	17.572	0.014	17.585	-0.003
14.113	0.001	14.131	0.015	14.146	0.032	14.158	0.018	17.603	0.010	17.619	0.035	17.636	0.039	17.652	0.065
14.175	0.124	14.188	0.140	14.195	0.136	14.214	0.114	17.663	0.056	17.676	0.039	17.695	0.022	17.706	0.006
14.239	0.118	14.257	0.135	14.282	0.164	14.290	0.151	17.725	0.022	17.738	0.039	17.752	0.064	17.763	0.102
14.316	0.122	14.323	0.113	14.358	0.134	14.373	0.138	17.778	0.115	17.789	0.115	17.805	0.085	17.819	0.039
14.392	0.172	14.417	0.206	14.433	0.210	14.458	0.168	17.835	-0.008	17.852	-0.016	17.872	0.034	17.886	0.072
14.476	0.105	14.495	0.025	14.522	0.016	14.547	0.050	17.907	0.122	17.926	0.046	17.937	-0.009	17.954	-0.005
14.559	0.067	14.576	0.100	14.589	0.046	14.603	-0.018	17.961	0.0	17.981	0.054	17.997	0.079	18.012	0.121
14.621	-0.093	14.640	-0.152	14.658	-0.152	14.672	-0.140	18.024	0.125	18.037	0.091	18.059	0.036	18.082	0.011
14.691	-0.102	14.706	-0.102	14.718	-0.119	14.736	-0.148	18.093	0.027	18.113	0.040	18.134	0.065	18.147	0.060
14.752	-0.182	14.771	-0.186	14.802	-0.202	14.808	-0.211	18.167	0.056	18.190	0.043	18.205	0.017	18.207	0.026
14.827	-0.223	14.848	-0.202	14.866	-0.177	14.882	-0.151	18.228	0.083	18.236	0.097	18.247	0.130	18.266	0.151
14.896	-0.118	14.911	-0.122	14.925	-0.160	14.949	-0.193	18.270	0.126	18.283	0.092	18.294	0.067	18.304	0.041
14.960	-0.185	14.976	-0.168	15.011	-0.176	15.032	-0.188	18.323	0.045	18.336	0.075	18.348	0.121	18.363	0.146
15.051	-0.201	15.075	-0.150	15.090	-0.104	15.104	-0.066	18.364	0.154	18.380	0.124	18.393	0.103	18.405	0.074
15.109	-0.078	15.122	-0.125	15.133	-0.162	15.157	-0.179	18.432	0.077	18.451	0.073	18.477	0.052	18.502	0.085
15.177	-0.141	15.196	-0.099	15.207	-0.095	15.219	-0.103	18.509	0.102	18.532	0.123	18.545	0.093	18.564	0.038
15.243	-0.141	15.257	-0.170	15.264	-0.183	15.283	-0.166	18.577	0.038	18.596	0.055	18.609	0.088	18.617	0.041
15.297	-0.103	15.307	-0.069	15.320	-0.027	15.329	0.011	18.636	0.122	18.655	0.084	18.672	0.037	18.704	0.041
15.341	0.037	15.352	0.045	15.363	0.007	15.373	-0.026	18.720	0.049	18.753	0.036	18.774	0.024	18.788	0.011
15.378	-0.047	15.394	-0.098	15.418	-0.022	15.440	0.062	18.814	0.011	18.814	0.040	18.833	0.061	18.844	0.044
15.455	0.104	15.466	0.096	15.476	0.033	15.497	-0.001	18.869	-0.032	18.880	-0.049	18.888	-0.049	18.888	-0.049
15.506	0.020	15.532	0.087	15.548	0.116	15.555	-0.016	18.923	0.010	18.928	0.056	18.928	0.073	18.947	0.123
15.569	0.070	15.579	0.040	15.601	0.044	15.619	0.065	18.961	0.073	18.961	0.069	18.983	0.005	18.991	-0.012
15.638	0.107	15.648	0.086	15.669	0.094	15.686	0.124	19.025	-0.041	19.050	-0.020	19.083	0.00	19.076	0.017
15.699	0.149	15.712	0.166	15.719	0.166	15.727	0.140	19.092	0.0	19.107	-0.025	19.119	-0.040	19.146	0.038
								19.152	-0.034	19.168	-0.013	19.189	0.033	19.206	0.012

19.209	-0.001	19.225	-0.055	19.239	-0.115	19.260	-0.110	23.189	-0.009	23.210	-0.018	23.221	-0.001	23.247	-0.001
19.281	-0.052	19.298	-0.014	19.311	0.003	19.324	-0.018	23.261	-0.022	23.282	-0.043	23.295	-0.022	23.317	-0.005
19.330	-0.044	19.343	-0.103	19.368	-0.086	19.387	-0.065	23.343	-0.029	23.365	-0.030	23.383	-0.022	23.402	-0.025
19.402	-0.069	19.419	-0.048	19.435	-0.040	19.443	-0.070	23.415	-0.034	23.433	-0.030	23.455	0.004	23.476	-0.022
19.462	-0.120	19.475	-0.133	19.492	-0.154	19.513	-0.142	23.493	0.042	23.522	0.038	23.543	0.017	23.573	0.017
19.526	-0.117	19.540	-0.083	19.555	-0.096	19.564	-0.109	23.588	0.030	23.602	0.047	23.620	0.077	23.639	0.102
19.582	-0.160	19.590	-0.210	19.609	-0.219	19.618	-0.236	23.588	0.031	23.602	0.056	23.620	0.077	23.639	0.102
19.647	-0.177	19.678	-0.102	19.702	-0.085	19.723	-0.115	23.722	0.031	23.737	0.052	23.766	0.086	23.777	0.078
19.737	-0.140	19.755	-0.120	19.774	-0.069	19.791	-0.019	23.798	0.048	23.818	0.019	23.836	-0.010	23.855	-0.022
19.805	-0.002	19.820	-0.015	19.839	-0.032	19.853	-0.037	23.870	-0.005	23.883	0.007	23.902	0.067	23.921	0.050
19.861	-0.020	19.882	0.022	19.897	0.047	19.920	0.068	23.934	0.021	23.945	-0.009	23.958	-0.030	23.974	-0.025
19.932	0.047	19.948	0.004	19.959	-0.008	19.985	0.025	23.990	0.005	24.006	0.043	24.027	0.068	24.030	0.060
19.999	0.059	20.013	0.100	20.028	0.117	20.039	0.109	24.051	0.014	24.063	-0.003	24.091	-0.049	24.100	-0.036
20.040	0.100	20.056	0.066	20.077	0.024	20.091	0.041	24.115	-0.002	24.132	0.028	24.148	0.045	24.169	-0.020
20.109	0.057	20.128	0.091	20.145	0.090	20.156	0.082	24.176	0.007	24.190	-0.043	24.208	-0.072	24.217	-0.055
20.174	0.035	20.199	0.006	20.223	0.026	20.237	0.060	24.235	-0.026	24.248	0.004	24.262	0.021	24.286	-0.022
20.255	0.085	20.263	0.064	20.274	0.043	20.293	-0.008	24.299	-0.043	24.302	-0.047	24.313	-0.026	24.329	-0.005
20.309	-0.029	20.324	-0.017	20.340	0.025	20.361	0.055	24.350	0.037	24.363	0.058	24.382	0.058	24.382	-0.005
20.377	0.038	20.394	0.004	20.413	-0.017	20.434	0.0	24.392	-0.031	24.422	-0.052	24.440	-0.027	24.457	-0.027
20.451	0.025	20.477	0.067	20.491	0.088	20.515	0.079	24.489	-0.073	24.566	0.022	24.579	-0.007	24.593	0.042
20.531	0.050	20.540	0.037	20.564	0.020	20.586	0.050	24.561	0.039	24.566	0.022	24.579	-0.007	24.593	0.042
20.604	0.096	20.617	0.117	20.632	0.108	20.645	0.075	24.613	-0.093	24.632	-0.055	24.656	-0.010	24.670	0.015
20.655	0.049	20.664	0.007	20.679	-0.014	20.688	-0.001	24.681	0.010	24.694	0.002	24.721	-0.003	24.745	0.042
20.707	0.049	20.715	0.070	20.733	0.070	20.745	0.045	24.765	0.046	24.781	0.029	24.813	0.019	24.830	0.028
20.763	0.015	20.774	0.003	20.785	0.019	20.801	0.057	24.848	0.040	24.870	0.069	24.892	0.069	24.905	0.048
20.815	0.082	20.831	0.082	20.853	0.057	20.866	0.032	24.934	0.047	24.955	0.068	24.969	0.080	24.982	0.063
20.890	0.040	20.903	0.061	20.922	0.103	20.931	0.107	24.984	0.059	25.004	-0.009	25.022	-0.038	25.035	-0.026
20.957	0.086	20.974	0.069	20.998	0.031	21.008	0.019	25.052	-0.001	25.060	0.024	25.078	0.057	25.094	0.116
21.030	0.006	21.049	0.031	21.054	0.035	21.071	0.077	25.111	-0.121	25.124	-0.087	25.135	0.037	25.156	-0.022
21.084	0.103	21.090	0.094	21.108	0.056	21.122	0.031	25.171	-0.043	25.196	-0.005	25.214	0.042	25.222	0.063
21.137	-0.016	21.156	-0.016	21.178	0.022	21.199	0.030	25.233	0.042	25.250	-0.012	25.260	-0.050	25.269	-0.084
21.231	0.017	21.253	-0.004	21.271	0.0	21.292	0.021	25.290	-0.067	25.303	0.026	25.314	0.090	25.327	-0.119
21.313	0.038	21.338	0.033	21.340	0.033	21.357	0.008	25.340	0.115	25.359	0.031	25.375	-0.002	25.404	-0.027
21.373	-0.026	21.383	-0.035	21.397	-0.009	21.413	0.024	25.429	0.049	25.448	0.082	25.472	0.061	25.488	0.015
21.432	0.053	21.450	0.066	21.458	0.049	21.479	0.007	25.490	-0.002	25.520	-0.019	25.533	-0.002	25.550	0.028
21.498	-0.002	21.519	0.007	21.548	0.011	21.568	0.003	25.576	0.061	25.589	0.044	25.608	0.023	25.621	0.010
21.589	-0.014	21.607	-0.035	21.631	-0.035	21.650	-0.023	25.630	-0.031	25.640	-0.048	25.654	-0.002	25.678	0.053
21.664	-0.001	21.677	-0.006	21.698	-0.022	21.714	-0.056	25.700	0.044	25.705	0.023	25.724	-0.023	25.745	-0.028
21.727	-0.073	21.735	-0.077	21.748	-0.060	21.767	-0.039	25.764	0.001	25.781	0.022	25.794	0.060	25.813	0.072
21.780	-0.018	21.792	0.007	21.799	0.020	21.821	0.007	25.830	0.034	25.838	0.013	25.851	-0.034	25.870	-0.055
21.842	-0.018	21.868	-0.018	21.881	-0.026	21.893	-0.022	25.891	-0.022	25.902	0.007	25.924	0.091	25.938	0.120
21.927	-0.006	21.941	-0.023	21.956	-0.027	21.978	0.007	25.946	0.112	25.964	0.069	25.978	-0.044	25.996	-0.100
22.004	0.007	22.025	-0.010	22.044	-0.032	22.061	-0.040	26.021	-0.033	26.032	0.014	26.061	0.001	26.164	0.027
22.098	-0.015	22.117	-0.007	22.146	0.002	22.178	0.014	26.105	-0.041	26.131	-0.079	26.155	0.001	26.164	0.027
22.195	-0.003	22.223	0.005	22.240	0.001	22.267	-0.012	26.182	0.073	26.194	0.077	26.202	0.048	26.220	-0.003
22.291	-0.012	22.307	-0.012	22.329	0.022	22.352	0.017	26.240	-0.045	26.252	-0.036	26.275	0.032	26.294	0.078
22.372	0.013	22.399	-0.012	22.414	-0.004	22.431	0.012	26.325	-0.078	26.353	0.054	26.379	0.071	26.406	0.088
22.452	0.033	22.478	0.020	22.493	-0.010	22.508	-0.010	26.428	0.084	26.444	0.067	26.469	0.030	26.501	0.047
22.552	0.019	22.544	0.044	22.554	0.056	22.572	0.060	26.523	0.089	26.542	0.102	26.552	0.085	26.569	0.060
22.583	0.035	22.597	0.014	22.615	-0.012	22.635	-0.017	26.595	0.026	26.620	0.039	26.641	0.055	26.658	0.042
22.664	0.012	22.694	0.029	22.714	0.020	22.742	0.028	26.678	0.021	26.695	0.021	26.717	0.046	26.740	0.045
22.769	0.032	22.789	0.040	22.806	0.032	22.821	0.006	26.756	0.024	26.780	-0.006	26.800	-0.010	26.834	-0.002
22.829	-0.010	22.851	-0.036	22.872	-0.032	22.899	-0.007	26.856	0.010	26.877	0.018	26.891	0.013	26.912	-0.008
22.923	-0.028	22.947	-0.037	22.979	-0.037	22.999	-0.020	26.937	-0.038	26.960	-0.059	26.984	-0.068	27.014	-0.047
23.017	-0.020	23.042	-0.050	23.068	-0.054	23.088	-0.033	27.035	-0.035	27.054	-0.048	27.082	-0.078	27.089	-0.082
23.108	-0.008	23.125	0.008	23.148	0.0	23.165	-0.021	27.111	-0.053	27.125	-0.028	27.136	-0.015	27.149	0.010

27.170	-0.028	27.198	-0.066	27.214	-0.062	27.243	-0.024	30.781	0.011	30.793	-0.002	30.811	-0.002	30.823	-0.028
27.259	0.006	27.274	0.031	27.294	0.031	27.320	-0.011	30.838	-0.045	30.854	-0.070	30.866	-0.075	30.879	-0.070
27.343	-0.024	27.352	-0.024	27.373	-0.007	27.395	0.018	30.893	0.054	30.903	-0.037	30.917	-0.012	30.930	0.013
27.413	0.022	27.420	0.009	27.436	-0.012	27.451	-0.029	30.946	-0.012	30.974	-0.013	30.995	-0.009	31.016	-0.022
27.474	-0.038	27.490	-0.008	27.519	0.021	27.541	0.017	31.036	-0.039	31.057	-0.039	31.074	-0.031	31.084	-0.027
27.567	0.009	27.603	-0.022	27.627	0.016	27.646	0.041	31.098	-0.006	31.114	0.015	31.116	0.015	31.140	0.011
27.669	0.083	27.699	0.087	27.724	0.049	27.737	0.011	31.159	-0.006	31.203	-0.023	31.236	-0.023	31.262	-0.023
27.765	-0.040	27.786	-0.062	27.803	-0.020	27.857	0.009	31.276	-0.011	31.297	-0.015	31.324	-0.024	31.338	-0.020
27.876	0.013	27.910	0.012	27.932	-0.017	27.961	-0.026	31.357	0.001	31.371	0.010	31.389	0.005	31.401	-0.016
27.991	-0.014	28.017	-0.035	28.041	-0.065	28.052	-0.040	31.420	-0.028	31.433	-0.020	31.451	0.001	31.470	0.026
28.079	0.027	28.114	0.032	28.139	-0.032	28.139	-0.100	31.482	-0.039	31.508	0.026	31.535	0.005	31.551	-0.012
28.161	-0.036	28.192	-0.037	28.216	-0.012	28.243	0.013	31.565	-0.025	31.579	-0.025	31.600	0.030	31.616	-0.042
28.267	0.046	28.281	0.013	28.295	-0.038	28.319	-0.097	31.633	0.042	31.647	0.021	31.660	0.0	31.674	-0.051
28.331	-0.081	28.357	-0.014	28.377	0.024	28.394	0.028	31.695	-0.042	31.708	-0.009	31.727	0.008	31.750	0.029
28.420	-0.027	28.443	-0.010	28.453	-0.006	28.469	0.024	31.774	0.029	31.793	0.024	31.817	0.016	31.833	-0.005
28.484	0.032	28.503	-0.010	28.522	-0.036	28.533	-0.036	31.845	-0.026	31.865	-0.001	31.877	0.016	31.896	0.024
28.544	-0.006	28.571	0.048	28.587	0.073	28.614	0.077	31.914	0.019	31.923	0.007	31.934	-0.002	31.941	-0.019
28.634	0.056	28.672	0.065	28.704	0.052	28.713	0.027	31.961	-0.014	31.980	-0.006	31.991	0.006	32.012	-0.015
28.728	0.023	28.748	0.019	28.780	0.015	28.793	0.041	32.025	-0.006	32.037	-0.015	32.059	-0.015	32.069	-0.028
28.812	0.049	28.839	0.066	28.865	0.050	28.888	0.012	32.082	-0.024	32.101	0.001	32.112	0.026	32.138	0.013
28.905	0.004	28.924	0.021	28.945	0.050	28.951	0.042	32.156	-0.008	32.179	-0.022	32.193	-0.026	32.206	-0.022
28.975	-0.008	28.987	-0.034	29.002	-0.046	29.021	0.0	32.225	-0.023	32.245	-0.015	32.261	0.002	32.272	0.022
29.049	0.030	29.078	0.047	29.087	0.030	29.097	0.001	32.286	0.047	32.302	0.022	32.317	0.009	32.338	-0.009
29.108	-0.024	29.130	-0.062	29.136	-0.032	29.147	-0.062	32.350	-0.009	32.363	-0.001	32.379	0.020	32.394	0.036
29.155	0.100	29.168	0.087	29.180	-0.041	29.187	0.011	32.412	-0.031	32.445	0.018	32.445	0.005	32.460	-0.037
29.199	0.043	29.204	0.081	29.215	0.094	29.223	0.111	32.478	-0.021	32.492	-0.004	32.506	0.016	32.518	0.027
29.234	0.086	29.251	0.031	29.263	-0.011	29.281	-0.074	32.528	0.045	32.539	0.020	32.558	0.002	32.575	-0.053
29.289	-0.104	29.299	0.095	29.312	-0.066	29.321	-0.028	32.588	-0.070	32.597	-0.062	32.611	-0.045	32.622	-0.012
29.332	0.006	29.349	0.035	29.362	0.043	29.370	0.048	32.632	0.022	32.640	0.068	32.651	0.089	32.660	0.067
29.383	0.043	29.395	0.043	29.403	0.035	29.414	0.022	32.673	0.042	32.682	0.008	32.692	-0.026	32.700	-0.060
29.421	-0.006	29.428	-0.015	29.439	-0.032	29.447	-0.045	32.711	-0.098	32.721	-0.069	32.731	-0.040	32.741	-0.002
29.458	-0.041	29.468	-0.028	29.477	-0.011	29.485	0.018	32.758	0.061	32.768	0.098	32.783	0.081	32.798	0.056
29.492	0.039	29.503	0.077	29.511	0.060	29.528	0.014	32.804	0.013	32.816	-0.021	32.828	-0.054	32.842	-0.038
29.539	-0.045	29.550	-0.049	29.558	-0.074	29.566	-0.053	32.853	-0.021	32.865	0.004	32.872	0.016	32.884	0.024
29.580	-0.015	29.596	0.043	29.609	0.081	29.618	0.111	32.899	0.028	32.905	0.011	32.917	0.002	32.936	-0.036
29.629	0.115	29.640	0.107	29.647	0.077	29.662	0.031	32.951	-0.049	32.965	-0.020	32.984	0.018	33.000	0.034
29.675	-0.028	29.696	-0.041	29.710	-0.033	29.722	-0.003	33.017	0.025	33.037	0.0	33.049	-0.034	33.063	-0.026
29.732	0.022	29.748	0.047	29.760	0.081	29.770	0.081	33.082	-0.023	33.090	0.007	33.102	0.040	33.115	-0.065
29.781	0.060	29.792	0.047	29.800	0.009	29.813	-0.024	33.134	0.048	33.147	0.014	33.167	-0.020	33.172	-0.041
29.819	-0.062	29.836	-0.062	29.849	-0.037	29.860	-0.003	33.194	-0.016	33.209	0.005	33.226	0.034	33.245	0.021
29.873	0.081	29.882	0.077	29.890	0.064	29.900	0.039	33.260	-0.021	33.277	-0.034	33.291	-0.043	33.304	-0.022
29.908	0.018	29.919	-0.020	29.931	-0.033	29.946	-0.033	33.318	-0.018	33.342	-0.014	33.356	-0.006	33.385	-0.019
29.963	-0.025	29.972	0.009	29.984	0.022	29.996	0.034	33.410	-0.020	33.423	-0.037	33.437	-0.050	33.452	-0.037
30.007	0.034	30.017	0.022	30.026	0.009	30.039	-0.012	33.471	-0.012	33.482	0.013	33.501	0.033	33.514	0.016
30.047	-0.042	30.059	-0.059	30.074	-0.038	30.091	0.0	33.534	-0.013	33.555	-0.043	33.574	-0.039	33.592	-0.019
30.105	0.013	30.123	0.004	30.139	-0.004	30.160	0.017	33.599	-0.010	33.614	0.006	33.627	-0.002	33.641	-0.019
30.171	0.012	30.180	-0.004	30.191	-0.021	30.204	-0.038	33.660	-0.032	33.690	-0.032	33.713	-0.020	33.748	-0.020
30.214	-0.051	30.230	-0.026	30.244	0.016	30.266	0.037	33.784	-0.012	33.807	-0.029	33.820	-0.051	33.836	-0.009
30.282	-0.028	30.293	0.011	30.314	-0.010	30.333	-0.010	33.869	-0.005	33.907	-0.022	33.954	-0.022	33.985	-0.023
30.349	0.003	30.365	0.011	30.386	0.019	30.403	0.044	34.011	-0.031	34.024	-0.048	34.040	-0.040	34.062	-0.024
30.418	-0.031	30.432	-0.002	30.451	-0.011	30.464	-0.032	34.083	0.018	34.100	0.039	34.127	0.031	34.174	0.018
30.485	-0.037	30.499	-0.028	30.518	-0.028	30.531	0.005	34.236	0.027	34.266	0.027	34.305	0.018	34.338	0.018
30.539	-0.018	30.555	-0.003	30.579	-0.071	30.595	-0.113	34.383	0.018	34.408	0.010	34.443	0.006	34.451	-0.020
30.606	-0.113	30.626	-0.046	30.644	0.008	30.652	0.033	34.475	-0.015	34.490	-0.003	34.509	0.010	34.523	0.010
30.666	0.004	30.679	-0.026	30.690	-0.064	30.703	-0.093	34.475	0.027	34.551	0.014	34.581	0.014	34.593	0.001
30.722	-0.102	30.736	-0.077	30.749	-0.035	30.760	-0.023	34.611	-0.016	34.632	-0.016	34.648	-0.016	34.675	-0.028

34.687	-0.033	34.705	-0.033	34.724	-0.024	34.740	-0.020	39.139	0.003	39.090	0.036	39.105	0.048	39.123	0.014
34.751	-0.009	34.763	0.001	34.783	-0.016	34.798	-0.029	39.139	-0.024	39.150	-0.037	39.162	-0.016	39.186	0.013
34.819	-0.033	34.843	0.013	34.860	0.030	34.884	0.039	39.204	0.025	39.229	0.020	39.253	-0.002	39.270	0.006
34.913	0.001	34.938	-0.008	34.953	0.009	34.975	0.009	39.291	0.014	39.316	0.013	39.335	0.029	39.353	0.016
34.986	0.022	34.999	0.030	35.013	0.022	35.029	0.0	39.380	0.003	39.405	0.002	39.424	0.010	39.442	0.022
35.045	-0.012	35.057	-0.033	35.073	-0.021	35.086	-0.008	39.469	0.022	39.494	-0.013	39.518	-0.026	39.537	-0.010
35.099	0.0	35.113	0.026	35.128	0.013	35.140	-0.021	39.545	-0.006	39.556	0.015	39.576	0.006	39.597	0.001
35.163	-0.055	35.177	-0.055	35.195	-0.051	35.208	-0.021	39.610	-0.016	39.627	-0.003	39.645	0.005	39.666	0.013
35.227	-0.004	35.241	-0.013	35.256	-0.034	35.268	-0.042	39.683	0.025	39.704	0.012	39.723	0.003	39.741	0.003
35.289	-0.026	35.305	-0.022	35.320	-0.011	35.336	-0.005	39.756	0.003	39.768	0.015	39.782	0.019	39.798	0.015
35.355	-0.001	35.374	-0.009	35.398	-0.009	35.414	-0.009	39.811	0.015	39.830	0.002	39.841	-0.015	39.860	-0.016
35.433	0.003	35.449	0.016	35.472	0.016	35.489	-0.001	39.879	-0.008	39.895	0.009	39.916	0.021	39.933	0.004
35.510	-0.019	35.534	-0.031	35.555	-0.031	35.569	-0.018	39.957	-0.013	39.983	-0.039	40.021	-0.010	40.035	0.002
35.585	-0.014	35.618	-0.011	35.647	-0.011	35.682	0.005	40.054	0.010	40.066	-0.002	40.083	-0.036	40.104	-0.032
35.696	0.030	35.700	0.055	35.724	0.034	35.735	0.009	40.125	-0.012	40.150	0.017	40.184	0.0	40.211	-0.021
35.750	-0.021	35.769	-0.022	35.787	-0.005	35.804	0.020	40.222	-0.013	40.248	-0.005	40.274	0.012	40.303	0.003
35.832	0.020	35.859	0.006	35.885	0.010	35.907	0.018	40.330	-0.006	40.354	0.002	40.373	0.002	40.389	0.010
35.928	0.014	35.949	-0.003	35.975	-0.021	35.994	-0.038	40.408	0.018	40.434	0.005	40.456	-0.016	40.482	0.005
36.023	-0.038	36.044	-0.018	36.065	0.003	36.084	0.007	40.514	0.013	40.543	0.004	40.559	-0.013	40.581	-0.001
36.107	0.006	36.119	-0.011	36.134	-0.024	36.156	-0.024	40.601	0.016	40.620	0.020	40.636	-0.006	40.657	-0.006
36.171	-0.008	36.190	-0.008	36.217	-0.025	36.231	-0.064	40.669	-0.019	40.685	-0.015	40.701	0.006	40.732	0.014
36.255	-0.060	36.270	-0.031	36.302	0.007	36.319	-0.011	40.760	-0.012	40.781	-0.020	40.811	-0.021	40.834	-0.004
36.343	-0.032	36.364	-0.045	36.388	-0.025	36.404	-0.011	40.872	-0.001	40.910	-0.001	40.942	-0.002	40.969	-0.002
36.423	0.004	36.447	0.008	36.466	-0.018	36.487	-0.031	40.987	-0.002	41.019	0.010	41.040	0.022	41.060	0.018
36.508	-0.027	36.535	-0.019	36.564	-0.007	36.580	-0.004	41.084	0.009	41.108	-0.008	41.135	-0.008	41.141	-0.004
36.612	-0.025	36.642	-0.012	36.679	0.004	36.716	-0.013	41.159	0.008	41.179	-0.008	41.198	-0.021	41.213	-0.009
36.740	-0.021	36.772	-0.005	36.788	-0.016	36.804	-0.009	41.230	-0.009	41.249	0.0	41.260	-0.005	41.275	0.008
36.823	-0.039	36.842	-0.006	36.856	-0.018	36.880	0.008	41.292	-0.017	41.317	-0.043	41.338	-0.030	41.376	-0.013
36.920	-0.014	36.952	0.003	36.986	-0.001	37.029	0.003	41.401	-0.014	41.439	-0.031	41.439	-0.039	41.458	-0.022
37.053	0.007	37.083	-0.019	37.101	-0.014	37.123	0.007	41.481	-0.006	41.498	0.003	41.528	-0.027	41.542	-0.048
37.144	0.007	37.158	-0.002	37.186	-0.040	37.204	-0.027	41.552	0.044	41.571	-0.040	41.590	-0.006	41.604	0.019
37.234	0.002	37.264	-0.010	37.298	-0.019	37.328	-0.019	41.623	0.011	41.638	0.002	41.658	-0.015	41.674	-0.031
37.333	-0.014	37.368	-0.031	37.391	-0.019	37.417	0.007	41.687	-0.040	41.704	-0.031	41.719	-0.015	41.738	0.006
37.431	0.011	37.447	-0.014	37.466	-0.023	37.485	-0.031	41.749	0.015	41.763	-0.006	41.792	-0.027	41.819	-0.019
37.504	-0.014	37.530	0.019	37.561	-0.014	37.582	-0.057	41.838	0.010	41.850	0.010	41.865	0.010	41.889	-0.011
37.595	-0.048	37.620	-0.014	37.639	0.045	37.653	0.028	41.909	-0.011	41.930	0.002	41.957	-0.003	41.978	-0.007
37.675	0.003	37.692	-0.044	37.708	-0.056	37.722	-0.048	42.008	-0.015	42.036	-0.011	42.070	-0.003	42.089	0.006
37.740	-0.027	37.757	-0.006	37.766	0.020	37.779	0.020	42.106	-0.011	42.132	-0.028	42.165	-0.016	42.190	0.005
37.801	0.003	37.823	-0.031	37.836	-0.052	37.852	-0.039	42.222	-0.008	42.272	-0.008	42.304	-0.009	42.372	-0.009
37.864	-0.005	37.885	0.024	37.893	0.045	37.905	0.028	42.424	-0.010	42.453	-0.010	42.462	-0.010	42.499	-0.010
37.921	-0.022	37.937	-0.056	37.948	-0.039	37.967	-0.009	42.521	-0.011	42.548	-0.011	42.570	-0.011	42.580	0.032
37.984	0.029	37.993	0.054	38.003	0.075	38.017	0.045	42.594	-0.032	42.613	-0.011	42.624	0.014	42.646	0.022
38.034	-0.009	38.047	-0.018	38.056	-0.013	38.071	0.003	42.663	0.001	42.677	-0.029	42.691	-0.029	42.715	-0.029
38.086	-0.005	38.104	0.016	38.118	0.050	38.131	0.042	42.739	-0.016	42.751	0.0	42.768	0.005	42.783	-0.017
38.151	0.021	38.172	-0.009	38.188	-0.025	38.210	-0.004	42.800	-0.025	42.812	-0.029	42.827	-0.038	42.847	-0.034
38.230	0.009	38.246	0.043	38.267	0.039	38.286	0.009	42.874	-0.017	42.889	-0.009	42.910	-0.013	42.934	-0.009
38.309	-0.020	38.322	-0.011	38.347	0.010	38.363	0.027	42.957	-0.022	42.971	-0.009	42.992	0.012	43.015	0.016
38.382	0.040	38.401	0.019	38.423	0.015	38.449	-0.010	43.039	0.007	43.059	-0.010	43.084	0.003	43.110	0.015
38.469	-0.006	38.493	0.003	38.517	-0.001	38.542	0.011	43.128	0.015	43.154	0.010	43.174	-0.003	43.194	-0.020
38.559	-0.001	38.578	0.008	38.596	0.029	38.612	0.041	43.209	-0.033	43.229	-0.012	43.243	0.004	43.273	-0.017
38.634	0.016	38.655	-0.010	38.675	-0.019	38.696	0.002	43.298	-0.043	43.315	-0.030	43.336	-0.014	43.353	-0.001
38.717	0.044	38.739	0.019	38.764	-0.003	38.786	-0.003	43.374	-0.014	43.392	-0.031	43.414	-0.032	43.436	-0.015
38.810	0.018	38.828	0.043	38.840	0.064	38.853	0.034	43.455	-0.003	43.479	-0.003	43.517	-0.004	43.556	-0.004
38.870	0.009	38.890	-0.012	38.909	-0.017	38.921	-0.017	43.575	-0.005	43.576	-0.005	43.595	-0.001	43.617	-0.018
38.934	-0.013	38.948	0.012	38.967	0.033	38.986	0.037	43.648	-0.019	43.680	-0.015	43.702	-0.007	43.721	-0.020
39.001	0.016	39.017	-0.014	39.031	-0.048	39.050	-0.031	43.744	-0.046	43.769	-0.025	43.788	-0.013	43.813	-0.005

43.832	-0.006	43.850	-0.010	43.870	-0.028	43.901	-0.016	49.676	0.015	49.697	-0.006	49.712	-0.027	49.728	-0.032
43.925	0.001	43.941	0.005	43.956	-0.008	43.975	-0.013	49.744	-0.032	49.763	-0.011	49.779	-0.041	49.806	-0.014
43.996	-0.009	44.015	0.007	44.035	0.003	44.046	0.023	49.827	-0.004	49.853	-0.025	49.877	-0.046	49.895	-0.025
44.065	-0.006	44.077	0.024	44.096	-0.028	44.126	0.001	49.922	0.0	49.940	0.016	49.960	-0.005	49.975	-0.026
44.149	0.022	44.171	0.021	44.190	0.008	44.217	0.004	49.986	-0.048	50.004	-0.039	50.021	-0.027	50.033	-0.019
44.242	-0.001	44.266	-0.001	44.279	0.015	44.300	0.002	50.045	0.011	50.069	-0.002	50.087	-0.015	50.106	-0.020
44.320	-0.002	44.344	-0.032	44.363	-0.032	44.373	-0.007	50.127	-0.024	50.164	-0.024	50.189	-0.012	50.240	-0.012
44.395	0.001	44.408	0.022	44.431	0.001	44.452	-0.008	50.291	-0.008	50.337	-0.004	50.374	-0.017	50.390	-0.017
44.470	-0.034	44.485	-0.017	44.508	-0.001	44.536	-0.009	50.407	-0.004	50.439	-0.004	50.472	0.0	50.490	0.004
44.568	-0.010	44.598	-0.006	44.630	-0.007	44.671	-0.007	50.514	-0.005	50.536	-0.009	50.547	-0.030	50.568	-0.043
44.696	-0.016	44.732	-0.008	44.759	-0.005	44.791	-0.009	50.586	-0.030	50.613	-0.009	50.633	0.003	50.651	-0.001
44.822	-0.010	44.854	-0.010	44.875	-0.002	44.904	-0.011	50.671	-0.035	50.701	-0.009	50.723	0.007	50.746	0.007
44.921	-0.028	44.940	-0.016	44.960	0.005	44.985	0.004	50.763	0.003	50.787	-0.014	50.822	-0.018	50.845	-0.001
45.014	-0.021	45.038	-0.039	45.061	-0.056	45.087	-0.031	50.866	0.016	50.879	0.020	50.899	0.011	50.923	-0.006
45.117	-0.006	45.151	-0.015	45.172	-0.028	45.213	-0.033	50.947	-0.010	50.987	0.007	51.028	-0.020	51.036	0.003
45.233	-0.017	45.245	-0.021	45.271	-0.021	45.293	-0.022	51.028	-0.014	51.059	-0.010	51.075	0.011	51.099	0.019
45.327	-0.022	45.343	-0.002	45.374	0.002	45.418	-0.011	51.117	0.002	51.136	0.002	51.161	-0.007	51.174	0.009
45.470	-0.012	45.497	0.008	45.543	0.008	45.575	-0.018	51.214	0.009	51.240	0.0	51.277	0.003	51.310	0.007
45.606	-0.019	45.656	-0.019	45.688	-0.011	45.739	-0.020	51.347	0.002	51.382	-0.009	51.443	-0.009	51.483	0.003
45.785	-0.021	45.830	-0.005	45.869	-0.022	45.877	-0.022	51.526	0.002	51.548	0.006	51.564	-0.007	51.585	0.009
45.909	-0.006	46.057	0.001	45.965	-0.006	45.995	-0.019	51.619	-0.008	51.651	-0.001	51.669	-0.014	51.696	-0.001
46.029	-0.007	46.077	0.001	46.091	-0.004	46.136	-0.005	51.725	-0.019	51.736	-0.002	51.755	-0.011	51.776	-0.003
46.160	-0.009	46.180	-0.026	46.220	-0.027	46.235	-0.010	51.791	-0.007	51.818	-0.025	51.840	-0.013	51.860	-0.009
46.272	0.006	46.301	-0.011	46.318	-0.033	46.339	-0.037	51.881	-0.026	51.914	-0.022	51.926	-0.031	51.938	-0.027
46.364	-0.029	46.394	-0.004	46.422	-0.017	46.439	-0.034	51.963	-0.019	51.975	-0.011	51.995	-0.007	52.016	-0.020
46.468	-0.031	46.485	-0.006	46.528	0.002	46.564	-0.007	52.030	-0.033	52.053	-0.055	52.072	-0.042	52.091	-0.009
46.596	-0.016	46.614	-0.007	46.643	-0.008	46.667	-0.012	52.110	-0.039	52.139	-0.018	52.161	-0.018	52.213	-0.018
46.694	-0.004	46.723	-0.005	46.741	-0.001	46.763	-0.003	52.294	-0.002	52.315	-0.027	52.337	-0.002	52.382	-0.010
46.778	-0.009	46.800	-0.022	46.815	-0.010	46.837	-0.006	52.374	-0.015	52.409	-0.028	52.423	-0.028	52.450	-0.028
46.873	0.019	46.886	0.010	46.906	-0.015	46.945	-0.003	52.466	-0.024	52.479	0.001	52.491	-0.016	52.512	-0.020
46.990	0.013	47.014	0.009	47.040	-0.013	47.071	-0.013	52.531	-0.024	52.555	-0.012	52.584	0.0	52.599	0.013
47.085	0.004	47.109	0.003	47.136	-0.005	47.167	-0.001	52.614	0.005	52.625	-0.021	52.639	-0.021	52.658	-0.017
47.194	-0.014	47.226	-0.014	47.264	-0.014	47.308	-0.002	52.683	0.004	52.703	0.016	52.725	0.008	52.748	-0.031
47.340	-0.023	47.372	-0.007	47.413	0.001	47.448	-0.007	52.765	-0.018	52.784	-0.006	52.806	-0.002	52.828	-0.010
47.498	-0.016	47.522	-0.020	47.546	-0.020	47.568	-0.008	52.852	-0.015	52.867	-0.015	52.891	-0.007	52.913	0.005
47.617	-0.008	47.644	-0.009	47.658	-0.017	47.680	-0.026	52.934	0.009	52.952	0.001	52.979	-0.016	52.990	-0.025
47.693	-0.009	47.707	-0.009	47.732	-0.005	47.764	0.003	53.003	-0.033	53.012	-0.029	53.023	-0.004	53.033	-0.004
47.786	-0.006	47.808	-0.019	47.836	-0.015	47.862	-0.002	53.047	0.017	53.060	0.025	53.074	0.012	53.083	-0.009
47.882	0.002	47.903	-0.016	47.938	-0.016	47.966	0.009	53.097	-0.018	53.120	-0.018	53.139	-0.014	53.169	-0.002
47.983	0.005	48.009	-0.004	48.039	-0.013	48.077	-0.017	53.189	0.006	53.207	0.010	53.223	-0.008	53.240	0.009
48.092	0.008	48.116	0.007	48.136	-0.001	48.160	-0.035	53.258	-0.013	53.283	-0.009	53.300	-0.005	53.323	-0.005
48.182	-0.023	48.203	-0.007	48.230	0.010	48.270	-0.004	53.343	-0.014	53.361	-0.006	53.380	-0.006	53.399	0.010
48.310	-0.004	48.344	-0.005	48.374	-0.005	48.379	-0.035	53.423	0.005	53.443	-0.016	53.453	-0.017	53.473	0.0
48.406	-0.018	48.445	-0.007	48.475	-0.007	48.522	-0.012	53.494	0.020	53.518	0.020	53.543	-0.006	53.562	-0.019
48.559	-0.004	48.583	0.004	48.610	-0.013	48.632	-0.043	53.586	-0.011	53.608	-0.003	53.632	0.009	53.651	0.0
48.652	-0.027	48.680	-0.010	48.698	-0.010	48.717	-0.023	53.683	0.0	53.702	-0.009	53.719	0.003	53.737	-0.005
48.743	-0.036	48.762	-0.036	48.789	-0.024	48.821	-0.011	53.776	0.002	53.776	-0.016	53.802	0.002	53.827	-0.003
48.842	-0.016	48.884	-0.029	48.909	-0.050	48.930	-0.029	53.841	0.001	53.867	-0.016	53.886	0.0	53.919	-0.017
48.956	-0.004	48.975	-0.026	48.994	-0.039	49.020	-0.039	53.944	-0.005	53.981	-0.018	54.011	-0.002	54.043	-0.020
49.035	-0.027	49.079	-0.002	49.103	-0.014	49.124	-0.027	54.037	-0.007	54.074	0.001	54.092	0.013	54.114	0.004
49.143	-0.027	49.161	-0.032	49.186	-0.019	49.212	-0.002	54.133	-0.021	54.151	-0.046	54.165	-0.055	54.176	-0.038
49.242	0.002	49.263	-0.003	49.285	-0.003	49.320	-0.003	54.197	-0.038	54.206	-0.013	54.227	-0.009	54.242	0.003
49.350	-0.029	49.370	-0.029	49.397	-0.012	49.421	-0.004	54.255	-0.018	54.279	-0.039	54.309	-0.048	54.331	0.003
49.440	0.009	49.454	-0.012	49.480	-0.038	49.497	-0.021	54.357	-0.027	54.387	-0.019	54.406	-0.027	54.429	-0.011
49.513	0.004	49.531	0.012	49.550	0.004	49.565	-0.034	54.445	-0.024	54.480	-0.015	54.507	-0.028	54.532	-0.007
49.584	-0.034	49.609	-0.034	49.656	-0.014	49.665	-0.010								

54.553	-0.020	54.572	-0.008	54.602	-0.025	54.620	-0.013
54.645	-0.009	54.659	0.008	54.685	0.016	54.704	-0.001
54.723	-0.010	54.735	-0.010	54.765	-0.002	54.794	0.006
54.816	0.022	54.832	-0.003	54.852	-0.024	54.879	-0.012
54.913	0.0	54.962	0.020	54.989	-0.001	55.014	0.019
55.033	-0.002	55.063	-0.015	55.104	0.005	55.134	0.009
55.166	0.004	55.193	0.004	55.215	0.012	55.243	0.007
55.286	0.014	55.347	0.004	55.401	0.024	55.469	0.010
55.499	0.014	55.526	0.005	55.562	0.029	55.584	0.016
55.616	0.016	55.632	0.007	55.669	0.024	55.694	0.007
55.735	0.010	55.767	0.023	55.810	0.031	55.838	0.026
55.888	0.017	55.929	0.021	55.978	0.020	56.030	0.028
56.070	0.019	56.110	0.027	56.149	0.031	56.176	0.026
56.211	0.009	56.243	0.017	56.286	0.024	56.324	0.015
56.361	0.027	56.385	0.027	56.431	0.013	56.464	0.026
56.504	0.004	56.528	0.008	56.578	0.024	56.636	0.006
56.690	0.022	56.721	0.013	56.763	0.004	56.802	0.008
56.845	0.003	56.883	0.003	56.912	-0.018	56.943	0.011
56.978	0.002	57.024	-0.007	57.063	0.005	57.106	0.0
57.154	-0.004	57.193	0.004	57.236	-0.022	57.281	-0.013
57.325	0.012	57.378	0.011	57.409	-0.006	57.438	0.007
57.463	0.011	57.494	0.010	57.518	0.010	57.550	0.014
57.584	-0.003	57.606	0.009	57.623	0.017	57.645	0.008
57.662	0.004	57.681	-0.005	57.701	0.003	57.727	0.015
57.761	0.035	57.783	0.014	57.804	0.009	57.834	0.0
57.862	0.024	57.889	0.028	57.913	0.027	57.935	0.014
57.974	0.013	58.027	0.008	58.076	0.015	58.102	-0.002
58.123	0.006	58.165	0.013	58.204	-0.012	58.241	0.0
58.271	-0.005	58.297	-0.005	58.327	-0.002	58.363	-0.011

4.800	0.563	4.812	0.613	4.829	0.447	4.847	0.158	8.135	0.189	8.157	0.147	8.177	0.048	8.184	-0.068
4.872	-0.322	4.882	-0.620	4.897	-0.802	4.927	-0.802	8.189	-0.134	8.199	-0.167	8.214	-0.109	8.226	0.036
4.937	-0.760	4.957	-0.577	4.969	-0.337	4.982	-0.113	8.236	0.214	8.256	0.330	8.265	0.379	8.285	0.388
4.989	0.036	5.019	0.120	5.036	0.178	5.041	0.236	8.305	0.379	8.317	0.355	8.334	0.280	8.347	0.189
5.056	0.286	5.066	0.187	5.076	0.022	5.086	-0.185	8.364	0.123	8.381	0.090	8.403	0.164	8.413	0.230
5.109	-0.351	5.129	-0.408	5.137	-0.251	5.144	-0.010	8.435	0.288	8.452	0.363	8.472	0.421	8.489	0.429
5.154	0.180	5.169	0.537	5.185	0.654	5.192	0.596	8.518	0.396	8.533	0.380	8.546	0.355	8.563	0.321
5.217	0.439	5.227	0.282	5.240	0.091	5.258	0.025	8.577	0.280	8.590	0.263	8.612	0.296	8.632	0.321
5.285	0.001	5.290	-0.073	5.300	-0.115	5.315	0.073	8.646	0.288	8.666	0.197	8.681	0.139	8.710	0.023
5.341	0.068	5.348	0.176	5.361	0.226	5.378	0.293	8.730	-0.209	8.754	-0.309	8.772	-0.334	8.796	-0.342
5.388	0.243	5.401	0.086	5.411	-0.046	5.426	0.029	8.808	-0.375	8.823	-0.400	8.835	-0.334	8.860	-0.185
5.449	0.120	5.451	0.162	5.471	0.063	5.481	-0.069	8.875	-0.135	8.897	-0.102	8.914	-0.053	8.926	0.013
5.489	-0.136	5.507	-0.052	5.512	0.014	5.529	0.036	8.944	0.121	8.953	0.220	8.973	0.237	8.993	0.187
5.542	0.048	5.569	-0.035	5.589	-0.109	5.599	-0.308	9.000	-0.028	9.015	-0.103	9.039	-0.169	9.052	-0.202
5.609	-0.498	5.619	-0.631	5.632	-0.763	5.652	-0.887	9.061	-0.169	9.076	-0.086	9.091	-0.069	9.109	-0.102
5.669	-0.945	5.682	-0.862	5.702	-0.746	5.722	-0.555	9.118	-0.160	9.131	-0.135	9.151	-0.093	9.173	-0.026
5.734	-0.307	5.752	-0.075	5.762	0.066	5.784	0.207	9.193	0.015	9.215	0.065	9.233	0.082	9.248	0.041
5.794	0.365	5.804	0.506	5.819	0.655	5.832	0.697	9.262	0.025	9.280	-0.041	9.300	-0.074	9.312	-0.165
5.849	0.614	5.869	0.200	5.874	0.034	5.904	-0.065	9.324	-0.239	9.349	-0.264	9.362	-0.230	9.396	-0.164
5.927	-0.098	5.942	-0.172	5.962	-0.272	5.982	-0.338	9.409	-0.094	9.419	-0.031	9.436	0.019	9.448	-0.005
5.992	-0.238	6.014	-0.039	6.042	-0.039	6.062	-0.014	9.458	-0.096	9.476	-0.162	9.496	-0.220	9.515	-0.186
6.079	-0.031	6.094	-0.138	6.109	-0.097	6.131	-0.005	9.538	-0.136	9.560	-0.136	9.582	-0.094	9.605	0.055
6.151	0.036	6.168	0.127	6.180	0.310	6.202	0.566	9.612	0.155	9.629	0.156	9.644	0.138	9.659	0.064
6.219	0.393	6.227	0.103	6.241	-0.138	6.251	-0.212	9.676	0.039	9.686	-0.002	9.706	-0.101	9.718	-0.167
6.276	-0.212	6.296	-0.212	6.310	-0.187	6.318	-0.104	9.738	-0.101	9.756	0.007	9.763	0.107	9.775	0.149
6.330	-0.038	6.345	0.037	6.357	0.004	6.384	-0.046	9.793	0.240	9.805	0.265	9.827	0.224	9.845	0.149
6.396	-0.170	6.409	-0.361	6.436	-0.634	6.443	-0.833	9.867	0.091	9.884	-0.016	9.894	-0.157	9.914	-0.297
6.453	-0.932	6.472	-0.938	6.485	-0.990	6.509	-0.957	9.921	-0.388	9.931	-0.421	9.953	-0.330	9.963	-0.222
6.529	-0.923	6.549	-0.824	6.561	-0.642	6.576	-0.443	10.055	-0.221	10.062	-0.171	10.074	-0.121	10.082	-0.063
6.593	-0.360	6.612	-0.326	6.627	-0.227	6.636	-0.168	10.092	-0.013	10.109	0.012	10.121	-0.005	10.132	-0.087
6.658	-0.110	6.673	-0.160	6.699	-0.317	6.707	-0.400	10.160	-0.162	10.170	-0.253	10.180	-0.319	10.192	-0.385
6.719	-0.441	6.738	-0.457	6.748	-0.407	6.768	-0.258	10.199	-0.451	10.214	-0.484	10.221	-0.393	10.233	-0.293
6.775	-0.076	6.789	0.099	6.811	0.157	6.828	0.198	10.246	-0.227	10.251	-0.186	10.268	-0.152	10.280	-0.169
6.843	0.232	6.855	0.240	6.867	0.224	6.882	0.191	10.297	-0.218	10.309	-0.193	10.324	-0.185	10.339	-0.184
6.899	0.175	6.911	0.175	6.928	0.258	6.945	0.399	10.356	-0.193	10.371	-0.217	10.383	-0.159	10.398	-0.059
6.960	0.573	6.974	0.714	6.989	0.814	6.998	0.930	10.412	0.040	10.432	0.057	10.454	0.016	10.476	-0.083
7.018	1.038	7.030	1.088	7.047	1.129	7.059	1.237	10.486	-0.183	10.508	-0.290	10.515	-0.356	10.544	-0.364
7.071	1.328	7.089	1.262	7.103	1.064	7.116	0.890	10.559	-0.422	10.569	-0.480	10.581	-0.513	10.608	-0.421
7.130	0.675	7.140	0.510	7.167	0.179	7.170	-0.045	10.620	-0.280	10.639	-0.147	10.654	-0.006	10.666	0.118
7.182	-0.127	7.199	-0.193	7.217	-0.284	7.234	-0.425	10.675	0.268	10.687	0.375	10.704	0.376	10.728	0.343
7.244	-0.631	7.246	-0.814	7.256	-0.979	7.276	-1.012	10.748	0.252	10.787	0.153	10.796	0.054	10.811	-0.020
7.286	-0.879	7.293	-0.722	7.303	-0.556	7.313	-0.481	10.830	-0.045	10.842	-0.020	10.862	-0.003	10.874	0.014
7.337	-0.398	7.347	-0.348	7.357	-0.281	7.374	-0.380	10.891	-0.019	10.905	-0.044	10.936	-0.018	10.951	-0.076
7.384	-0.488	7.392	-0.587	7.406	-0.645	7.414	-0.562	10.965	-0.150	10.978	-0.208	11.004	-0.216	11.033	-0.174
7.426	-0.412	7.451	-0.089	7.468	0.218	7.495	0.409	11.045	-0.116	11.074	-0.115	11.100	-0.090	11.108	-0.107
7.515	0.683	7.532	0.841	7.544	0.949	7.561	0.850	11.129	-0.132	11.139	-0.074	11.162	-0.016	11.170	-0.007
7.576	0.519	7.591	0.113	7.599	-0.210	7.609	-0.367	11.182	0.018	11.193	0.026	11.215	0.009	11.227	-0.049
7.621	-0.441	7.634	-0.458	7.651	-0.474	7.671	-0.424	11.241	-0.082	11.255	-0.106	11.274	-0.106	11.296	-0.081
7.683	-0.374	7.703	-0.274	7.711	-0.207	7.718	-0.174	11.320	-0.073	11.336	-0.023	11.351	0.068	11.367	0.184
7.740	-0.140	7.758	-0.181	7.765	-0.281	7.775	-0.405	11.387	0.284	11.396	0.325	11.408	0.375	11.429	0.441
7.793	-0.438	7.800	-0.313	7.820	-0.139	7.828	0.019	11.446	0.466	11.472	0.483	11.482	0.450	11.501	0.417
7.850	0.061	7.872	0.210	7.895	0.318	7.917	0.427	11.515	0.417	11.532	0.425	11.553	0.425	11.572	0.392
7.930	0.485	7.947	0.518	7.962	0.494	7.969	0.477	11.594	0.301	11.618	0.252	11.656	0.227	11.675	0.128
7.984	0.461	7.997	0.478	8.009	0.495	8.019	0.479	11.701	-0.037	11.723	-0.186	11.742	-0.310	11.761	-0.351
8.037	0.421	8.051	0.263	8.056	0.156	8.066	0.131	11.804	-0.375	11.840	-0.392	11.873	-0.366	11.916	-0.357
8.076	0.156			8.098	0.230	8.118	0.197								

11.940	-0.324	11.981	-0.150	12.007	-0.066	12.021	0.008	16.441	-0.257	16.468	-0.256	16.505	-0.247	16.534	-0.246
12.038	0.083	12.059	0.150	12.079	0.092	12.096	0.026	16.549	-0.263	16.576	-0.287	16.607	-0.212	16.624	-0.146
12.115	0.026	12.134	0.093	12.171	0.201	12.188	0.276	16.643	-0.104	16.680	-0.046	16.706	0.004	16.730	0.084
12.217	0.359	12.231	0.401	12.250	0.426	12.277	0.385	16.754	0.096	16.783	0.121	16.798	0.088	16.815	0.064
12.306	0.237	12.335	0.154	12.347	0.072	12.374	-0.027	16.829	0.064	16.846	0.130	16.868	0.205	16.887	0.239
12.388	0.006	12.413	0.040	12.444	0.040	12.464	0.098	16.917	0.231	16.955	0.239	16.979	0.207	17.001	0.165
12.480	0.140	12.522	0.133	12.541	0.125	12.577	0.108	17.037	0.108	17.047	0.149	17.062	0.183	17.078	0.224
12.616	0.133	12.630	0.142	12.650	0.117	12.674	0.084	17.095	0.233	17.114	0.266	17.128	0.275	17.152	0.258
12.691	0.018	12.712	-0.040	12.736	-0.098	12.751	-0.156	17.176	0.193	17.190	0.151	17.217	0.060	17.233	0.036
12.763	-0.189	12.792	-0.197	12.811	-0.181	12.835	-0.205	17.331	0.094	17.352	0.070	17.366	0.063	17.409	0.088
12.852	-0.189	12.869	-0.139	12.883	-0.122	12.898	-0.098	17.452	0.221	17.483	0.279	17.505	0.222	17.536	0.156
12.910	-0.139	12.927	-0.197	12.934	-0.255	12.956	-0.230	17.559	0.197	17.605	0.322	17.624	0.098	17.658	0.265
12.972	-0.205	13.004	-0.155	13.016	-0.097	13.033	-0.056	17.684	0.166	17.711	0.034	17.747	-0.034	17.793	-0.056
13.054	-0.022	13.083	-0.047	13.095	-0.096	13.110	-0.162	17.819	0.003	17.855	0.037	17.867	-0.038	17.906	-0.203
13.126	-0.253	13.138	-0.295	13.150	-0.336	13.167	-0.369	17.927	-0.244	17.956	-0.194	17.990	-0.127	18.029	-0.002
13.186	-0.402	13.203	-0.418	13.218	-0.393	13.237	-0.376	18.062	-0.084	18.091	-0.167	18.116	-0.183	18.155	-0.141
13.261	-0.359	13.282	-0.351	13.302	-0.326	13.323	-0.267	18.184	-0.099	18.225	-0.124	18.276	-0.057	18.312	-0.032
13.361	-0.226	13.383	-0.200	13.409	-0.183	13.436	-0.225	18.349	-0.039	18.373	-0.130	18.412	-0.121	18.446	-0.088
13.455	-0.266	13.484	-0.299	13.493	-0.315	13.522	-0.291	18.487	-0.087	18.514	-0.062	18.546	-0.013	18.577	-0.028
13.534	-0.248	13.551	-0.182	13.565	-0.215	13.580	-0.239	18.606	-0.119	18.635	-0.128	18.674	-0.127	18.703	-0.094
13.587	-0.264	13.597	-0.280	13.612	-0.255	13.627	-0.221	18.730	0.039	18.776	0.105	18.803	0.122	18.827	0.089
13.642	-0.180	13.657	-0.130	13.669	-0.113	13.679	-0.088	18.861	0.097	18.892	0.147	18.921	0.172	18.953	0.073
13.691	-0.112	13.706	-0.153	13.718	-0.211	13.740	-0.219	18.972	-0.027	19.018	-0.018	19.040	0.007	19.086	0.123
13.775	-0.218	13.797	-0.225	13.815	-0.208	13.827	-0.167	19.124	0.079	19.161	0.131	19.202	0.032	19.223	0.016
13.847	-0.117	13.864	-0.124	13.878	-0.148	13.908	-0.173	19.243	0.049	19.277	0.115	19.313	0.149	19.361	0.215
13.931	-0.181	13.948	-0.180	13.975	-0.130	14.005	-0.038	19.407	0.141	19.455	0.116	19.482	0.107	19.513	-0.049
14.032	0.037	14.054	0.087	14.081	0.187	14.106	0.304	19.542	-0.024	19.574	-0.007	19.619	0.084	19.672	0.052
14.126	0.288	14.141	0.263	14.161	0.330	14.174	0.366	19.703	0.036	19.747	-0.047	19.800	-0.154	19.838	-0.120
14.191	0.463	14.206	0.456	14.231	0.521	14.256	0.546	19.891	-0.053	19.917	-0.011	19.966	-0.077	20.016	-0.226
14.273	0.497	14.286	0.431	14.316	0.365	14.343	0.266	20.059	-0.217	20.095	-0.028	20.162	-0.241	20.189	-0.207
14.361	0.225	14.378	0.283	14.393	0.366	14.418	0.425	20.225	-0.174	20.270	-0.157	20.323	-0.140	20.366	-0.073
14.433	0.442	14.453	0.401	14.483	0.335	14.500	0.302	20.421	-0.040	20.474	-0.023	20.520	-0.072	20.563	-0.014
14.523	0.327	14.553	0.377	14.573	0.460	14.595	0.527	20.580	-0.047	20.635	-0.039	20.657	-0.047	20.717	-0.014
14.614	0.461	14.641	0.303	14.661	0.245	14.695	0.179	20.758	0.019	20.797	0.094	20.867	0.119	20.910	0.152
14.703	0.121	14.720	0.072	14.747	0.080	14.769	0.055	20.944	0.160	20.985	0.110	21.024	0.061	21.053	-0.006
14.801	-0.003	14.825	-0.061	14.838	-0.102	14.860	-0.102	21.103	0.061	21.142	0.003	21.164	-0.005	21.212	0.004
14.877	-0.102	14.894	-0.118	14.916	-0.135	14.933	-0.093	21.246	-0.004	21.272	-0.034	21.313	0.137	21.354	0.162
14.950	-0.027	14.968	0.006	14.982	0.023	15.007	-0.002	21.378	0.113	21.429	-0.003	21.472	0.056	21.538	0.098
15.017	-0.010	15.046	-0.010	15.068	-0.068	15.098	-0.126	21.566	0.048	21.620	0.016	21.663	0.058	21.723	0.133
15.110	-0.093	15.134	-0.068	15.144	-0.101	15.161	-0.159	21.762	0.092	21.789	0.076	21.851	0.118	21.900	0.069
15.183	-0.192	15.200	-0.150	15.219	-0.100	15.229	-0.059	21.941	0.103	22.025	0.137	22.071	0.071	22.142	-0.003
15.241	-0.009	15.261	-0.032	15.278	-0.009	15.295	-0.050	22.185	-0.027	22.260	0.031	22.318	-0.010	22.379	-0.009
15.312	-0.075	15.327	-0.075	15.354	-0.034	15.368	-0.025	22.425	-0.009	22.464	-0.091	22.480	-0.124	22.522	-0.066
15.393	-0.033	15.412	-0.058	15.437	-0.058	15.456	-0.091	22.572	0.009	22.628	-0.032	22.683	-0.089	22.751	0.003
15.476	-0.066	15.502	-0.033	15.522	-0.058	15.541	-0.066	22.804	0.062	22.878	0.046	22.914	0.013	22.962	0.047
15.561	-0.099	15.583	-0.115	15.595	-0.090	15.612	-0.057	23.003	0.039	23.049	-0.035	23.116	-0.117	23.141	-0.083
15.636	-0.023	15.651	-0.039	15.668	-0.097	15.687	-0.147	23.191	0.017	23.237	-0.049	23.265	-0.090	23.309	-0.048
15.705	-0.163	15.726	-0.187	15.746	-0.170	15.775	-0.120	23.372	-0.047	23.435	-0.080	23.485	-0.046	23.557	0.021
15.787	-0.079	15.814	-0.053	15.833	-0.028	15.851	-0.053	23.630	0.146	23.686	0.072	23.727	0.023	23.785	0.089
15.865	-0.102	15.885	-0.168	15.902	-0.184	15.921	-0.176	23.843	0.123	23.906	0.016	23.969	-0.050	24.024	0.058
15.948	-0.150	15.960	-0.101	15.987	-0.075	16.006	-0.092	24.092	0.150	24.133	0.183	24.189	0.118	24.240	0.060
16.028	-0.149	16.047	-0.182	16.057	-0.198	16.087	-0.123	24.288	0.060	24.339	-0.005	24.402	-0.063	24.456	-0.103
16.099	-0.090	16.128	-0.114	16.145	-0.114	16.170	-0.130	24.509	0.037	24.584	0.013	24.625	-0.045	24.683	-0.103
16.194	-0.154	16.214	-0.220	16.236	-0.286	16.253	-0.285	24.739	-0.003	24.782	0.022	24.850	-0.002	24.900	0.023
16.275	-0.277	16.294	-0.309	16.329	-0.350	16.338	-0.333	24.987	0.040	25.050	-0.035	25.113	-0.142	25.159	-0.184
16.351	-0.308	16.370	-0.324	16.382	-0.332	16.419	-0.307								

25.214	-0.084	25.279	-0.010	25.313	-0.002	25.358	-0.002	36.552	0.007	36.638	0.006	36.689	-0.036	36.732	-0.062
25.406	-0.026	25.469	-0.023	25.532	0.065	25.575	-0.001	36.810	0.004	36.860	0.003	36.913	0.002	36.945	-0.014
25.621	-0.027	25.660	-0.033	25.718	0.018	25.754	0.010	36.995	-0.040	37.031	-0.074	37.104	-0.065	37.168	-0.005
25.807	-0.031	25.851	0.003	25.875	-0.046	25.911	0.087	37.198	-0.024	37.224	-0.062	37.251	-0.103	37.296	-0.036
25.977	-0.036	25.996	-0.011	26.047	-0.060	26.083	-0.108	37.342	0.006	37.403	-0.001	37.450	-0.024	37.501	0.018
26.117	-0.091	26.180	-0.056	26.221	-0.021	26.269	-0.003	37.560	-0.055	37.636	-0.054	37.687	-0.053	37.767	-0.027
26.314	-0.027	26.362	0.008	26.413	0.009	26.473	-0.006	37.867	-0.017	37.918	0.017	37.969	0.084	38.027	0.019
26.512	0.034	26.567	0.087	26.630	0.063	26.683	0.013	38.066	-0.022	38.131	0.011	38.182	0.019	38.249	0.011
26.724	0.028	26.776	0.022	26.808	0.113	26.863	0.221	38.302	-0.022	38.371	-0.014	38.439	0.044	38.508	0.044
26.926	0.122	26.950	0.056	27.003	0.056	27.046	0.040	38.561	0.019	38.625	0.019	38.687	0.045	38.753	-0.004
27.087	0.015	27.138	0.023	27.182	0.072	27.233	0.014	38.806	0.038	38.865	0.013	38.915	0.014	38.953	0.022
27.264	-0.003	27.306	0.021	27.352	0.021	27.396	0.065	38.991	0.023	39.021	0.023	39.071	-0.018	39.119	-0.010
27.449	0.012	27.483	-0.013	27.542	0.019	27.588	0.019	39.173	0.024	39.218	-0.018	39.275	-0.034	39.337	-0.009
27.651	0.020	27.721	0.055	27.758	0.112	27.823	0.087	39.399	-0.000	39.456	0.041	39.534	0.083	39.586	0.025
27.867	0.021	27.923	-0.036	27.984	-0.019	28.040	-0.043	39.646	0.024	39.714	0.015	39.772	0.047	39.841	0.013
28.083	-0.001	28.115	0.024	28.171	-0.017	28.222	-0.066	39.935	-0.021	39.998	-0.022	40.046	-0.022	40.104	0.019
28.273	-0.049	28.331	-0.073	28.399	-0.022	28.454	0.003	40.172	-0.014	40.276	-0.040	40.382	-0.024	40.443	-0.016
28.496	0.029	28.554	0.029	28.602	0.063	28.657	0.113	40.528	0.042	40.612	0.043	40.683	0.019	40.750	-0.014
28.720	0.031	28.758	-0.010	28.804	-0.018	28.842	-0.110	40.802	0.020	40.867	0.054	40.903	0.046	40.977	0.056
28.900	0.024	28.948	0.049	28.999	0.075	29.061	0.100	41.012	0.039	41.103	0.057	41.148	0.032	41.207	0.007
29.130	0.118	29.166	0.068	29.199	0.036	29.246	0.078	41.252	0.024	41.295	0.015	41.342	0.024	41.402	-0.018
29.299	0.120	29.365	0.087	29.441	0.005	29.510	-0.002	41.482	-0.026	41.520	-0.068	41.572	-0.034	41.633	-0.035
29.574	0.032	29.634	-0.033	29.707	-0.123	29.764	-0.047	41.749	-0.031	41.807	-0.032	41.887	-0.034	41.950	-0.045
29.838	0.004	29.883	-0.053	29.910	-0.077	29.955	-0.002	41.999	-0.028	42.079	-0.021	42.147	-0.022	42.246	0.010
29.988	0.007	30.055	0.009	30.120	0.001	30.166	-0.015	42.334	0.041	42.391	-0.009	42.430	-0.002	42.472	0.006
30.234	0.060	30.275	0.134	30.326	0.052	30.379	0.044	42.541	0.005	42.580	0.021	42.633	0.029	42.706	0.037
30.461	0.036	30.510	0.052	30.556	-0.006	30.626	-0.015	42.772	0.037	42.823	0.053	42.861	0.070	42.915	0.086
30.665	-0.049	30.724	-0.024	30.777	-0.050	30.826	0.024	42.980	0.066	43.043	0.077	43.106	0.069	43.153	0.069
30.902	0.040	30.955	0.047	31.004	-0.036	31.048	-0.095	43.191	0.069	43.248	0.036	43.294	0.019	43.358	0.003
31.113	0.013	31.176	0.105	31.224	-0.052	31.265	-0.159	43.405	-0.006	43.462	-0.006	43.531	-0.039	43.603	-0.031
31.304	-0.093	31.340	-0.018	31.391	0.074	31.451	0.091	43.667	-0.031						
31.514	0.075	31.557	0.050	31.613	-0.081	31.658	-0.172								
31.716	-0.138	31.773	-0.153	31.833	-0.053	31.874	0.047								
31.929	0.189	31.965	0.090	32.008	-0.009	32.068	-0.140								
32.123	-0.082	32.197	0.092	32.247	0.125	32.295	0.141								
32.381	0.092	32.417	0.025	32.458	0.017	32.513	0.058								
32.566	-0.008	32.626	0.025	32.717	0.083	32.768	0.116								
32.835	0.148	32.879	0.057	32.896	0.024	32.944	0.090								
33.006	-0.010	33.064	0.032	33.120	0.073	33.170	0.056								
33.219	0.048	33.267	0.090	33.313	0.090	33.361	0.073								
33.390	-0.043	33.441	-0.084	33.470	-0.043	33.537	0.048								
33.591	0.056	33.637	0.023	33.675	-0.010	33.729	-0.076								
33.775	-0.118	33.806	-0.151	33.852	-0.084	33.920	-0.010								
33.971	-0.018	34.065	-0.018	34.097	-0.101	34.145	-0.109								
34.184	-0.092	34.225	-0.042	34.269	-0.042	34.329	-0.025								
34.399	-0.008	34.445	-0.017	34.503	-0.008	34.564	-0.008								
34.612	0.026	34.673	0.026	34.699	0.051	34.733	-0.006								
34.762	-0.056	34.801	-0.031	34.842	-0.030	34.888	-0.005								
34.914	-0.005	34.967	-0.037	35.008	0.013	35.054	0.063								
35.093	0.064	35.139	0.065	35.178	0.032	35.212	-0.000								
35.256	-0.041	35.304	-0.065	35.340	-0.031	35.372	0.020								
35.418	0.070	35.474	0.038	35.510	-0.027	35.551	-0.027								
35.602	0.024	35.675	0.075	35.733	0.092	35.764	0.109								
35.846	0.044	35.897	0.078	35.929	0.079	35.972	0.047								
36.033	0.006	36.090	-0.027	36.155	-0.053	36.217	-0.021								
36.291	0.036	36.353	0.068	36.420	0.034	36.482	0.008								

IE075

TE013 3470 WILSHIRW, SUBBASEMENT WEST

1998 PCINTS 43.609 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED; THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1960 G/10.

[illegible]

5.982	-0.019	5.992	0.031	6.009	0.089	6.034	0.023	10.552	0.224	10.579	0.257	10.604	0.150	10.628	0.092
6.049	-0.067	6.069	-0.200	6.079	-0.208	6.092	-0.133	10.655	0.101	10.684	0.168	10.715	0.234	10.734	0.367
6.112	0.024	6.131	0.099	6.151	0.066	6.166	-0.033	10.756	0.401	10.788	0.302	10.814	0.244	10.850	0.203
6.183	-0.099	6.205	-0.032	6.220	0.126	6.230	0.300	10.882	0.171	10.925	0.172	10.950	0.081	10.981	-0.010
6.242	0.433	6.262	0.368	6.272	0.235	6.289	0.062	11.010	0.040	11.044	0.149	11.054	0.107	11.078	0.075
6.299	-0.012	6.321	-0.003	6.340	-0.019	6.355	-0.143	11.100	0.042	11.114	0.009	11.131	0.001	11.152	0.002
6.367	-0.242	6.397	-0.159	6.414	0.008	6.436	0.157	11.164	0.010	11.174	0.011	11.188	-0.022	11.202	0.088
6.453	0.034	6.466	-0.156	6.473	-0.289	6.485	-0.404	11.216	0.162	11.231	0.011	11.238	-0.022	11.257	-0.401
6.498	-0.462	6.522	-0.395	6.542	-0.303	6.564	-0.468	11.274	-0.417	11.295	-0.353	11.312	-0.333	11.324	-0.292
6.584	-0.658	6.593	-0.625	6.613	-0.520	6.634	-0.491	11.333	-0.258	11.345	-0.250	11.352	-0.258	11.367	-0.283
6.654	-0.490	6.671	-0.391	6.683	-0.316	6.703	-0.100	11.374	-0.324	11.393	-0.373	11.412	-0.414	11.429	-0.439
6.713	-0.083	6.727	-0.057	6.754	-0.081	6.776	0.076	11.438	-0.447	11.450	-0.414	11.467	-0.355	11.481	-0.314
6.778	-0.420	6.790	-0.586	6.824	-0.783	6.832	-1.039	11.493	-0.256	11.505	-0.214	11.517	-0.181	11.531	-0.156
6.849	-1.030	6.863	-0.881	6.883	-0.540	6.905	-0.092	11.541	-0.122	11.553	-0.089	11.562	-0.064	11.576	-0.055
6.924	0.389	6.946	0.424	6.963	0.416	6.982	0.392	11.581	-0.047	11.591	-0.055	11.603	-0.071	11.607	-0.088
7.002	0.426	7.028	0.543	7.058	0.693	7.070	0.760	11.612	-0.113	11.631	-0.129	11.643	-0.146	11.655	-0.146
7.099	0.596	7.116	0.348	7.138	0.133	7.195	-0.080	11.674	-0.096	11.698	-0.022	11.722	0.061	11.734	0.152
7.200	-0.361	7.207	-0.709	7.220	-0.899	7.234	-0.965	11.746	0.202	11.763	0.235	11.774	0.177	11.789	0.094
7.254	-0.856	7.276	-0.656	7.298	-0.722	7.326	-0.580	11.801	0.012	11.815	-0.046	11.846	-0.055	11.865	-0.080
7.335	-0.389	7.350	-0.189	7.372	0.002	7.414	0.211	11.875	-0.129	11.896	-0.220	11.918	-0.262	11.946	-0.295
7.426	0.137	7.434	0.038	7.454	-0.259	7.481	-0.051	11.977	-0.303	11.996	-0.328	12.013	-0.394	12.035	-0.411
7.505	0.040	7.530	-0.026	7.555	0.149	7.584	0.348	12.051	-0.394	12.078	-0.394	12.092	-0.427	12.111	-0.476
7.566	0.474	7.614	0.307	7.644	0.233	7.751	0.308	12.121	-0.518	12.138	-0.591	12.155	-0.551	12.157	-0.575
7.683	0.474	7.748	-0.444	7.773	-0.684	7.793	-0.676	12.184	-0.559	12.193	-0.509	12.210	-0.442	12.225	-0.384
7.805	-0.577	7.813	-0.461	7.838	-0.312	7.848	-0.320	12.239	-0.351	12.252	-0.367	12.271	-0.375	12.278	-0.408
7.858	-0.378	7.877	-0.428	7.900	-0.336	7.905	-0.187	12.290	-0.450	12.307	-0.441	12.319	-0.416	12.344	-0.350
7.917	-0.146	7.930	0.036	7.947	0.119	7.960	0.136	12.360	-0.300	12.394	-0.258	12.406	-0.217	12.421	-0.208
7.970	0.111	7.994	0.053	8.007	0.111	8.017	0.210	12.430	-0.208	12.472	-0.216	12.491	-0.207	12.523	-0.182
8.039	0.268	8.049	0.152	8.059	0.053	8.079	-0.055	12.547	-0.206	12.561	-0.223	12.574	-0.206	12.600	-0.148
8.109	-0.055	8.141	-0.055	8.168	-0.013	8.173	0.045	12.627	-0.073	12.665	-0.006	12.687	0.028	12.713	0.061
8.197	-0.186	8.205	0.103	8.219	-0.013	8.229	-0.129	12.742	0.111	12.759	0.153	12.781	0.162	12.805	0.195
8.246	-0.204	8.264	-0.162	8.273	-0.071	8.286	0.053	12.824	0.213	12.839	0.262	12.853	0.279	12.872	0.254
8.298	0.177	8.327	0.244	8.345	0.194	8.367	0.078	12.882	0.223	12.901	0.155	12.918	0.147	12.930	0.156
8.384	-0.046	8.408	-0.138	8.431	-0.096	8.453	-0.030	12.950	0.197	12.964	0.197	12.974	0.206	12.988	0.248
8.475	-0.096	8.490	-0.204	8.504	-0.162	8.531	0.045	13.015	0.264	13.039	0.298	13.063	0.307	13.082	0.332
8.551	0.343	8.578	0.517	8.588	0.550	8.622	0.583	13.099	0.332	13.113	0.332	13.130	0.299	13.149	0.283
8.639	0.517	8.669	0.475	8.689	0.484	8.713	0.525	13.171	0.255	13.185	0.201	13.205	0.151	13.217	0.127
8.735	0.451	8.775	0.285	8.804	0.152	8.836	0.036	13.233	0.127	13.245	0.136	13.264	0.153	13.296	0.153
8.843	-0.071	8.856	-0.154	8.883	-0.312	8.915	-0.494	13.303	0.170	13.329	0.179	13.339	0.204	13.368	0.205
8.932	-0.411	8.951	-0.254	8.974	-0.121	8.991	0.078	13.372	0.197	13.382	0.172	13.401	0.148	13.408	0.140
9.013	0.235	9.033	0.359	9.062	0.434	9.079	0.384	13.430	0.173	13.440	0.207	13.464	0.257	13.476	0.290
9.094	0.285	9.111	0.285	9.124	0.351	9.146	0.442	13.497	0.291	13.516	0.291	13.528	0.308	13.545	0.325
9.171	0.451	9.198	0.418	9.218	0.385	9.248	0.236	13.564	0.309	13.576	0.301	13.600	0.277	13.627	0.269
9.270	0.203	9.290	0.170	9.322	0.153	9.352	0.012	13.642	0.228	13.657	0.179	13.669	0.138	13.687	0.080
9.369	-0.087	9.402	-0.194	9.439	-0.128	9.449	-0.045	13.701	0.047	13.716	0.006	13.729	-0.035	13.748	-0.051
9.469	-0.013	9.506	-0.053	9.548	-0.086	9.578	-0.052	13.756	-0.026	13.773	0.007	13.793	0.040	13.817	0.016
9.615	0.006	9.647	0.130	9.672	0.296	9.689	0.355	13.827	-0.017	13.845	-0.008	13.852	0.008	13.867	0.008
9.716	0.173	9.739	0.057	9.759	-0.125	9.756	-0.174	13.891	-0.016	13.906	-0.024	13.929	-0.024	13.941	-0.024
9.783	-0.291	9.803	-0.216	9.825	-0.182	9.855	-0.149	13.953	-0.032	13.978	-0.065	13.993	-0.114	14.008	-0.180
9.892	-0.041	9.907	0.084	9.934	0.126	9.951	0.093	14.022	-0.188	14.042	-0.213	14.059	-0.179	14.074	-0.138
9.978	0.085	10.011	0.151	10.038	0.160	10.065	0.127	14.094	-0.030	14.104	0.045	14.121	0.086	14.129	0.111
10.102	0.061	10.124	0.078	10.151	0.228	10.180	0.245	14.141	0.086	14.161	0.078	14.181	0.053	14.194	0.020
10.222	0.187	10.249	0.121	10.278	0.047	10.317	0.072	14.211	0.004	14.229	-0.013	14.243	0.004	14.263	0.046
10.354	-0.097	10.384	0.098	10.403	0.007	10.427	-0.101	14.283	0.153	14.296	0.195	14.311	0.220	14.328	0.245
10.459	-0.092	10.474	-0.017	10.494	0.049	10.516	0.058	14.346	0.253	14.373	0.237	14.381	0.195	14.393	0.179
								14.403	0.154	14.423	0.146	14.441	0.179	14.445	0.220

24.701	0.022	24.730	0.022	24.740	-0.003	24.757	-0.036	30.525	-0.014	30.544	-0.022	30.561	-0.022	30.581	0.003
24.771	-0.044	24.798	-0.036	24.834	-0.035	24.856	-0.043	30.598	0.019	30.627	0.018	30.642	0.010	30.668	-0.024
24.877	-0.042	24.906	-0.050	24.940	-0.057	24.952	-0.065	30.698	-0.050	30.729	-0.051	30.773	-0.060	30.798	-0.052
24.972	-0.065	25.001	-0.081	25.020	-0.064	25.049	-0.030	30.837	-0.028	30.842	-0.020	30.866	-0.005	30.886	-0.006
25.078	-0.013	25.112	-0.004	25.143	-0.028	25.172	-0.027	30.910	-0.032	30.942	-0.050	30.973	-0.043	30.998	-0.061
25.196	-0.060	25.222	-0.101	25.263	-0.133	25.299	-0.107	31.007	-0.062	31.025	-0.063	31.046	-0.039	31.068	-0.015
25.331	-0.074	25.360	-0.065	25.384	-0.064	25.400	-0.056	31.086	0.018	31.098	0.034	31.117	0.051	31.139	0.042
25.427	-0.031	25.444	-0.055	25.473	-0.055	25.492	-0.087	31.163	0.033	31.187	0.001	31.204	-0.026	31.233	-0.052
25.521	-0.095	25.550	-0.086	25.581	-0.069	25.610	-0.060	31.250	-0.060	31.271	-0.044	31.286	-0.020	31.310	-0.004
25.636	-0.043	25.663	0.015	25.678	0.040	25.716	0.048	31.317	-0.012	31.339	-0.037	31.341	-0.054	31.368	-0.055
25.750	0.048	25.787	0.048	25.828	0.030	25.857	0.013	31.385	-0.046	31.407	-0.038	31.423	-0.005	31.436	0.028
26.014	-0.022	26.041	-0.022	26.063	-0.022	26.082	-0.031	31.515	0.086	31.544	0.094	31.591	0.111	31.501	0.094
26.111	-0.064	26.130	-0.089	26.152	-0.089	26.181	-0.089	31.578	0.053	31.583	0.028	31.597	-0.013	31.614	-0.055
26.210	-0.089	26.239	-0.090	26.267	-0.057	26.291	-0.024	31.628	-0.088	31.648	-0.088	31.667	-0.071	31.688	-0.063
26.311	0.001	26.330	0.009	26.349	0.001	26.371	-0.032	31.703	-0.080	31.731	-0.104	31.753	-0.104	31.772	-0.113
26.393	-0.031	26.412	-0.031	26.443	-0.055	26.458	-0.063	31.801	-0.113	31.822	-0.071	31.839	-0.013	31.853	0.003
26.479	-0.046	26.511	0.004	26.535	0.013	26.563	0.013	31.885	0.053	31.899	0.086	31.923	0.062	31.945	0.053
26.585	0.014	26.614	0.014	26.631	-0.002	26.648	-0.027	31.959	0.054	31.980	0.054	31.990	0.046	32.009	0.046
26.665	-0.051	26.677	-0.051	26.696	-0.025	26.722	-0.017	32.012	-0.004	32.038	-0.020	32.064	-0.012	32.079	-0.003
26.754	0.051	26.775	0.085	26.799	0.095	26.833	0.079	32.095	-0.012	32.107	-0.053	32.124	-0.061	32.136	-0.036
26.860	0.056	26.874	0.031	26.908	0.016	26.917	0.016	32.158	0.006	32.177	0.031	32.201	0.031	32.213	0.023
26.951	0.034	26.968	0.060	26.989	0.036	27.014	0.028	32.234	0.048	32.244	0.065	32.263	0.090	32.273	0.124
27.042	0.030	27.064	0.030	27.076	0.014	27.105	0.007	32.287	0.157	32.316	0.166	32.328	0.141	32.345	0.067
27.124	0.016	27.144	0.016	27.175	0.001	27.200	0.002	32.356	0.001	32.376	-0.065	32.388	-0.082	32.402	-0.082
27.229	0.003	27.258	0.020	27.275	0.029	27.302	0.030	32.414	-0.065	32.426	-0.040	32.459	-0.039	32.469	-0.031
27.329	0.022	27.348	0.031	27.375	0.057	27.394	0.074	32.486	-0.014	32.500	-0.005	32.527	-0.013	32.541	-0.038
27.426	0.059	27.436	0.051	27.462	0.042	27.479	0.034	32.560	-0.071	32.579	-0.070	32.589	-0.062	32.603	-0.029
27.504	0.009	27.525	0.009	27.542	0.000	27.562	0.008	32.625	0.055	32.627	0.071	32.634	0.071	32.654	0.097
27.601	0.008	27.618	0.008	27.649	0.033	27.683	0.033	32.671	0.089	32.683	0.064	32.704	0.056	32.731	0.057
27.717	0.008	27.734	0.007	27.761	-0.001	27.773	-0.026	32.750	0.057	32.767	0.041	32.779	0.009	32.798	-0.024
27.805	-0.026	27.832	-0.001	27.858	0.007	27.890	0.007	32.805	-0.057	32.827	-0.064	32.846	-0.055	32.878	0.012
27.931	0.006	27.960	-0.002	27.992	0.006	28.026	0.013	32.897	0.038	32.921	0.056	32.950	0.073	32.979	0.083
28.055	0.005	28.094	-0.004	28.121	-0.021	28.150	-0.004	33.000	0.083	33.029	0.076	33.046	0.069	33.068	0.053
28.174	0.004	28.193	0.003	28.218	-0.005	28.237	-0.021	33.087	0.045	33.099	-0.012	33.118	-0.036	33.142	-0.060
28.266	0.012	28.286	0.037	28.320	0.062	28.344	0.071	33.162	-0.076	33.181	-0.051	33.191	-0.042	33.232	-0.015
28.378	0.063	28.397	0.022	28.417	-0.003	28.443	-0.003	33.251	-0.006	33.273	0.020	33.299	0.055	33.314	0.089
28.463	0.022	28.484	0.031	28.504	0.031	28.523	0.023	33.338	0.090	33.357	0.083	33.377	0.059	33.398	0.035
28.543	0.006	28.567	-0.002	28.591	0.007	28.618	0.024	33.425	0.036	33.440	0.029	33.464	0.038	33.485	0.006
28.646	0.017	28.692	0.026	28.735	0.019	28.755	0.011	33.510	-0.027	33.527	-0.060	33.543	-0.059	33.568	-0.083
28.776	0.003	28.798	-0.038	28.832	-0.079	28.860	-0.095	33.589	-0.041	33.606	0.000	33.623	0.034	33.638	0.051
28.887	-0.086	28.916	-0.035	28.945	-0.002	28.976	-0.016	33.664	0.052	33.693	0.044	33.703	0.036	33.722	0.020
29.002	0.033	29.024	0.017	29.038	-0.016	29.060	-0.024	33.737	0.036	33.766	0.036	33.785	0.036	33.810	-0.022
29.079	-0.040	29.115	-0.031	29.134	-0.022	29.167	-0.005	33.831	-0.031	33.853	-0.023	33.877	0.010	33.909	0.035
29.193	-0.020	29.229	-0.019	29.253	-0.027	29.272	-0.027	33.938	0.043	33.955	0.043	33.982	0.059	34.001	0.076
29.300	-0.042	29.329	-0.050	29.360	-0.049	29.388	-0.007	34.025	0.051	34.044	0.026	34.061	-0.008	34.086	-0.024
29.429	0.061	29.457	0.078	29.481	0.079	29.507	0.054	34.107	-0.058	34.132	-0.066	34.149	-0.058	34.168	-0.017
29.528	0.030	29.547	0.006	29.583	-0.002	29.614	-0.001	34.182	0.008	34.202	0.033	34.238	0.041	34.260	0.041
29.650	-0.008	29.683	-0.007	29.719	-0.006	29.752	0.011	34.289	0.040	34.313	0.040	34.337	0.023	34.352	-0.019
29.783	0.037	29.811	0.038	29.840	0.031	29.861	0.039	34.383	-0.028	34.408	-0.036	34.432	-0.062	34.451	-0.062
29.880	0.065	29.902	0.065	29.935	0.066	29.956	0.067	34.480	-0.096	34.497	-0.129	34.514	-0.130	34.536	-0.088
29.982	0.059	30.016	0.069	30.037	0.044	30.068	0.004	34.560	-0.048	34.589	0.002	34.628	0.026	34.664	0.017
30.094	-0.020	30.126	-0.019	30.172	-0.002	30.201	0.007	34.700	0.016	34.739	0.007	34.758	-0.002	34.778	-0.027
30.230	0.007	30.251	0.007	30.273	-0.009	30.298	-0.025	34.799	-0.035	34.819	-0.036	34.845	-0.044	34.860	-0.036
30.314	-0.017	30.339	0.000	30.353	0.009	30.373	0.026	34.877	-0.028	34.896	0.021	34.925	0.063	34.961	0.095
30.414	0.043	30.436	0.035	30.469	0.010	30.506	0.002	34.990	0.128	35.034	0.153	35.051	0.136	35.070	0.102

35.099	0.086	35.126	0.044	35.157	-0.006	35.177	-0.031	41.852	-0.049	41.883	-0.050	41.932	-0.042	41.997	-0.026
35.198	-0.048	35.225	-0.048	35.273	-0.049	35.298	-0.008	42.038	-0.018	42.080	-0.010	42.109	-0.002	42.155	0.014
35.329	0.025	35.363	0.049	35.392	0.049	35.419	0.016	42.207	0.022	42.244	0.022	42.281	0.021	42.325	0.013
35.450	-0.009	35.477	-0.034	35.501	-0.042	35.518	-0.075	42.362	0.005	42.401	0.004	42.433	0.004	42.475	0.004
35.533	-0.108	35.567	-0.116	35.613	-0.116	35.661	-0.082	42.504	0.004	42.546	0.012	42.583	0.020	42.624	0.045
35.681	-0.074	35.710	-0.040	35.739	-0.007	35.763	0.010	42.646	0.036	42.690	0.019	42.736	-0.015	42.772	-0.024
35.789	0.010	35.823	-0.006	35.857	-0.039	35.874	0.047	42.811	-0.024	42.840	-0.016	42.874	0.008	42.913	0.016
35.905	-0.047	35.937	-0.047	35.954	-0.039	35.980	-0.005	42.945	0.015	42.993	0.039	43.052	0.037	43.081	0.028
36.002	-0.005	36.026	0.012	36.048	0.020	36.075	0.020	43.112	0.002	43.150	0.001	43.198	-0.001	43.233	-0.002
36.099	0.013	36.142	-0.011	36.171	-0.036	36.199	0.052	43.281	-0.003	43.309	0.005	43.348	0.004	43.383	0.027
36.218	-0.068	36.242	-0.076	36.276	-0.067	36.309	-0.050	43.426	0.026	43.469	0.017	43.505	0.000	43.538	-0.000
36.348	-0.008	36.374	0.018	36.400	0.043	36.419	0.068	43.576	-0.001	43.609	0.016				
36.453	0.069	36.479	0.061	36.508	0.062	36.527	0.037								
36.555	0.004	36.577	0.005	36.601	0.005	36.620	-0.011								
36.642	-0.003	36.668	0.006	36.709	0.023	36.738	0.031								
36.767	0.032	36.803	0.032	36.825	0.008	36.854	0.008								
36.885	0.008	36.907	0.008	36.934	0.000	36.953	-0.024								
36.970	-0.023	36.992	-0.024	37.018	-0.015	37.037	-0.015								
37.066	-0.023	37.098	-0.031	37.125	-0.022	37.161	-0.030								
37.193	-0.030	37.213	-0.030	37.232	-0.013	37.255	0.003								
37.294	0.003	37.318	-0.005	37.353	-0.005	37.389	-0.013								
37.411	-0.022	37.441	-0.022	37.475	-0.022	37.509	-0.055								
37.539	-0.080	37.588	-0.088	37.622	-0.088	37.666	-0.055								
37.690	-0.046	37.722	-0.013	37.749	0.012	37.775	0.028								
37.807	0.045	37.836	0.053	37.868	0.061	37.907	0.036								
37.953	0.003	37.982	-0.021	38.016	-0.012	38.050	-0.012								
38.079	-0.003	38.101	0.014	38.128	0.039	38.149	0.047								
38.181	0.048	38.219	0.048	38.253	0.040	38.291	0.016								
38.320	0.016	38.361	0.017	38.397	0.017	38.440	0.010								
38.464	0.018	38.488	0.019	38.524	0.019	38.546	0.020								
38.572	-0.012	38.610	-0.012	38.644	-0.012	38.677	-0.011								
38.715	-0.019	38.743	-0.010	38.769	0.024	38.810	0.041								
38.838	-0.042	38.876	0.018	38.914	-0.007	38.938	-0.014								
38.969	-0.039	39.002	-0.046	39.054	-0.037	39.085	-0.020								
39.123	-0.019	39.151	-0.036	39.215	-0.018	39.251	-0.017								
39.296	-0.016	39.351	0.010	39.398	0.028	39.436	0.029								
39.476	0.013	39.509	0.006	39.531	0.031	39.559	0.040								
39.581	0.040	39.609	0.023	39.641	0.023	39.662	-0.002								
39.691	-0.002	39.715	-0.027	39.744	-0.027	39.773	0.006								
39.799	0.030	39.819	0.014	39.855	-0.003	39.888	-0.036								
39.912	-0.012	39.941	-0.003	39.963	-0.004	39.992	-0.013								
40.030	-0.014	40.059	-0.031	40.088	-0.041	40.117	-0.042								
40.144	-0.042	40.170	-0.035	40.207	-0.036	40.236	-0.037								
40.277	-0.014	40.313	0.002	40.337	-0.007	40.371	-0.015								
40.396	-0.040	40.415	-0.041	40.446	-0.016	40.463	-0.049								
40.488	-0.050	40.521	-0.050	40.543	-0.042	40.582	-0.034								
40.618	-0.001	40.640	-0.002	40.661	-0.010	40.697	-0.019								
40.716	0.014	40.730	0.022	40.754	0.047	40.775	0.022								
40.792	0.014	40.811	0.014	40.833	0.022	40.866	0.039								
40.892	0.023	40.935	0.023	40.973	0.024	41.014	0.049								
41.050	0.049	41.078	0.041	41.109	0.025	41.133	0.017								
41.157	0.017	41.192	0.009	41.214	0.017	41.242	0.051								
41.285	0.059	41.316	0.043	41.346	0.026	41.380	0.018								
41.408	0.009	41.439	0.018	41.474	0.026	41.503	0.026								
41.536	0.018	41.565	-0.007	41.600	-0.016	41.639	-0.016								
41.680	-0.016	41.716	-0.016	41.760	-0.024	41.811	-0.041								

1420 POINTS 43.663 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1021 G/10.

[illegible]

7.629	-0.303	7.658	-0.261	7.683	-0.335	7.703	-0.194	14.301	-0.216	14.368	-0.214	14.406	-0.188	14.445	-0.204
7.718	-0.078	7.753	0.031	7.788	0.090	7.813	0.098	14.465	-0.179	14.508	-0.103	14.538	-0.102	14.558	-0.118
7.838	0.066	7.862	0.033	7.892	0.092	7.905	-0.057	14.560	-0.052	14.617	-0.001	14.651	0.123	14.693	0.124
7.925	-0.173	7.935	-0.106	7.964	0.060	8.002	0.019	14.722	0.099	14.767	0.174	14.784	0.191	14.823	0.192
8.024	-0.113	8.051	-0.236	8.074	-0.128	8.094	0.038	14.862	0.200	14.914	0.218	14.978	0.185	15.041	0.169
8.116	0.170	8.150	0.121	8.170	0.096	8.192	0.072	15.076	0.120	15.105	0.112	15.127	0.029	15.166	-0.028
8.229	0.014	8.270	-0.027	8.288	-0.102	8.317	-0.002	15.195	-0.045	15.237	-0.036	15.266	-0.028	15.303	-0.061
8.329	0.048	8.369	-0.018	8.391	0.007	8.420	-0.092	15.320	-0.102	15.364	-0.061	15.410	0.022	15.442	-0.027
8.455	-0.075	8.494	-0.009	8.516	0.124	8.536	0.157	15.486	0.006	15.510	0.130	15.534	0.197	15.571	0.197
8.558	0.075	8.595	0.125	8.622	0.100	8.644	0.042	15.595	0.114	15.612	0.073	15.637	0.073	15.685	0.132
8.673	0.083	8.710	0.100	8.732	0.059	8.762	0.175	15.719	0.165	15.739	0.149	15.768	0.124	15.800	0.099
8.796	0.175	8.813	0.192	8.860	0.233	8.890	0.109	15.826	0.125	15.851	0.141	15.899	0.100	15.943	0.001
8.917	0.043	8.949	0.010	8.978	0.101	8.998	0.002	15.967	-0.040	15.994	-0.023	16.038	-0.064	16.082	-0.122
9.017	-0.089	9.037	-0.155	9.064	-0.197	9.089	-0.056	16.119	-0.122	16.148	-0.089	16.189	-0.139	16.226	-0.155
9.109	0.160	9.153	0.268	9.186	0.227	9.210	0.112	16.275	-0.122	16.299	-0.064	16.322	-0.089	16.402	-0.097
9.225	0.037	9.262	0.170	9.302	0.171	9.332	0.237	16.456	-0.064	16.490	-0.064	16.522	-0.089	16.559	-0.097
9.347	0.238	9.374	0.196	9.391	0.279	9.416	0.346	16.600	-0.147	16.651	-0.139	16.694	-0.089	16.728	-0.064
9.456	0.173	9.478	0.073	9.506	0.007	9.540	-0.092	16.781	-0.056	16.825	-0.122	16.868	-0.163	16.888	-0.147
9.565	-0.017	9.595	-0.116	9.612	-0.157	9.664	-0.114	16.912	-0.130	16.939	-0.089	16.968	-0.056	16.992	-0.056
9.689	-0.089	9.721	-0.055	9.753	-0.087	9.773	-0.120	17.018	-0.056	17.045	-0.089	17.086	-0.023	17.112	0.036
9.810	-0.086	9.825	-0.085	9.857	-0.126	9.879	-0.208	17.150	-0.070	17.205	0.046	17.224	0.047	17.276	0.073
9.939	-0.107	9.956	-0.140	9.971	-0.106	9.988	-0.048	17.310	0.123	17.341	0.148	17.369	0.157	17.405	0.142
10.030	-0.055	10.077	-0.087	10.106	-0.120	10.143	-0.102	17.431	0.084	17.457	0.051	17.493	0.077	17.522	0.111
10.177	-0.110	10.194	-0.159	10.224	-0.018	10.253	-0.026	17.550	0.120	17.598	0.121	17.625	0.055	17.668	0.037
10.283	0.099	10.322	0.117	10.346	-0.007	10.378	-0.081	17.706	0.058	17.738	0.059	17.771	0.084	17.800	0.032
10.410	-0.047	10.420	-0.039	10.452	-0.005	10.469	-0.004	17.846	0.095	17.880	0.146	17.921	0.163	17.945	0.114
10.505	-0.004	10.532	0.005	10.564	0.036	10.584	0.106	17.976	0.066	18.017	0.067	18.060	0.126	18.087	0.152
10.617	0.064	10.637	0.023	10.654	0.027	10.671	-0.060	18.109	-0.127	18.167	0.028	18.220	-0.070	18.274	-0.062
10.755	-0.027	10.724	-0.027	10.748	-0.068	10.784	-0.126	18.313	-0.102	18.378	-0.127	18.424	-0.132	18.456	-0.134
10.809	-0.143	10.830	-0.101	10.859	-0.126	10.886	-0.093	18.517	-0.125	18.563	-0.124	18.595	-0.126	18.648	-0.124
10.920	-0.101	10.961	-0.060	10.995	0.006	11.014	-0.101	18.703	-0.091	18.752	-0.100	18.779	-0.100	18.808	-0.067
11.043	-0.225	11.067	-0.225	11.082	-0.259	11.103	-0.192	18.851	-0.001	18.900	-0.035	18.943	-0.052	18.992	-0.026
11.134	-0.126	11.163	-0.027	11.191	-0.035	11.230	-0.035	19.013	0.007	19.050	-0.035	19.079	-0.052	19.115	-0.010
11.253	0.006	11.282	-0.035	11.306	-0.035	11.330	-0.035	19.154	0.039	19.183	0.031	19.224	-0.002	19.270	-0.028
11.356	-0.027	11.375	0.040	11.408	-0.035	11.439	-0.010	19.320	-0.028	19.369	-0.061	19.429	-0.036	19.465	-0.012
11.470	0.172	11.497	0.098	11.528	-0.035	11.549	-0.010	19.504	-0.037	19.535	-0.070	19.564	-0.037	19.632	-0.012
11.573	-0.018	11.592	0.040	11.640	0.165	11.659	0.074	19.680	-0.003	19.733	-0.002	19.771	0.007	19.831	0.074
11.706	0.008	11.721	0.050	11.745	0.083	11.776	0.034	19.870	0.099	19.908	0.091	19.920	0.075	19.959	0.133
11.807	0.034	11.833	0.043	11.866	0.159	11.890	0.201	19.992	0.175	20.026	0.143	20.081	0.077	20.108	0.044
11.916	0.143	11.938	0.086	11.979	0.136	12.002	0.144	20.146	0.070	20.191	0.071	20.235	-0.019	20.263	-0.016
12.059	-0.151	12.085	-0.192	12.088	-0.028	12.130	-0.102	20.278	0.007	20.328	0.032	20.359	-0.000	20.386	-0.016
12.159	-0.314	12.185	-0.247	12.229	-0.307	12.258	-0.348	20.453	0.043	20.465	0.060	20.506	0.053	20.551	0.062
12.287	-0.314	12.340	-0.247	12.369	-0.188	12.408	-0.163	20.567	0.121	20.628	0.154	20.664	0.138	20.715	0.072
12.437	-0.054	12.466	-0.021	12.500	-0.086	12.532	-0.152	20.746	0.047	20.783	0.081	20.826	0.023	20.862	0.015
12.563	-0.143	12.587	-0.109	12.640	-0.108	12.652	-0.141	20.908	0.007	20.952	-0.017	21.005	-0.083	21.070	-0.116
12.681	-0.074	12.720	0.018	12.758	0.094	12.790	-0.013	21.104	-0.115	21.140	-0.140	21.166	-0.098	21.207	-0.081
12.826	-0.103	12.855	-0.012	12.881	0.122	12.934	0.198	21.246	-0.114	21.275	-0.139	21.323	-0.105	21.369	-0.072
12.982	0.190	13.011	0.166	13.060	0.170	13.088	0.301	21.412	-0.088	21.456	-0.104	21.487	-0.137	21.526	-0.070
13.115	0.235	13.151	0.103	13.184	0.170	13.213	0.162	21.579	-0.045	21.620	-0.044	21.668	-0.110	21.716	-0.084
13.247	0.167	13.287	0.122	13.323	0.106	13.345	0.131	21.777	-0.042	21.777	-0.009	21.854	-0.033	21.854	-0.032
13.386	0.132	13.424	0.075	13.455	0.042	13.496	0.067	21.900	-0.023	21.953	-0.006	22.001	0.026	22.033	0.062
13.546	0.143	13.578	0.102	13.627	0.045	13.657	0.045	22.069	0.021	22.115	0.013	22.164	0.030	22.195	0.030
13.686	0.046	13.716	0.038	13.753	-0.019	13.795	-0.052	22.248	0.014	22.287	0.031	22.350	0.073	22.403	0.007
13.825	-0.051	13.854	-0.083	13.913	-0.149	13.958	-0.157	22.437	0.032	22.483	0.033	22.524	-0.008	22.561	-0.016
13.990	-0.198	14.029	-0.247	14.066	-0.213	14.106	-0.220	22.609	0.008	22.650	0.008	22.715	0.033	22.758	0.008
14.149	-0.253	14.191	-0.260	14.238	-0.259	14.276	-0.225	22.785	0.000	22.811	0.000	22.854	0.003	22.886	0.000

22.927	0.008	23.953	0.008	22.984	0.000	23.013	0.000	30.858	-0.046	30.887	-0.021	30.936	-0.013	30.965	-0.013
23.064	0.042	23.090	0.033	23.117	0.034	23.172	0.042	31.000	0.021	31.034	-0.012	31.065	-0.020	31.104	-0.045
23.206	0.051	23.232	0.067	23.264	0.100	23.305	0.068	31.140	-0.020	31.176	0.006	31.225	0.023	31.266	0.015
23.341	0.043	23.379	0.035	23.428	0.068	23.476	0.043	31.314	0.016	31.333	0.024	31.374	0.041	31.411	0.050
23.536	0.044	23.582	0.011	23.608	0.011	23.652	0.012	31.442	0.050	31.455	0.051	31.519	0.043	31.534	0.027
23.686	0.004	23.717	-0.028	23.756	-0.036	23.785	-0.052	31.563	0.019	31.613	0.060	31.625	0.060	31.651	0.077
23.812	-0.018	23.855	-0.018	23.870	-0.034	23.903	-0.025	31.692	0.061	31.716	0.094	31.737	0.111	31.781	0.094
23.930	-0.017	23.962	-0.017	23.988	-0.024	24.022	-0.010	31.817	0.094	31.832	0.028	31.888	0.020	31.924	-0.019
24.073	-0.006	24.114	0.004	24.145	-0.021	24.179	-0.045	31.958	0.054	31.987	0.054	32.006	0.029	32.032	-0.012
24.211	-0.027	24.257	-0.043	24.281	-0.042	24.318	-0.025	32.070	-0.021	32.090	0.021	32.121	0.054	32.152	0.087
24.356	-0.049	24.376	-0.048	24.424	-0.014	24.475	-0.013	32.176	0.062	32.217	0.053	32.236	0.020	32.269	-0.005
24.524	-0.011	24.548	-0.011	24.594	-0.018	24.640	-0.017	32.315	0.003	32.353	-0.005	32.384	0.020	32.425	0.028
24.683	-0.000	24.722	-0.001	24.751	-0.001	24.782	-0.007	32.487	0.019	32.516	-0.006	32.542	0.002	32.581	0.027
24.835	-0.002	24.862	-0.005	24.927	-0.013	24.985	-0.003	32.609	-0.006	32.653	-0.006	32.674	0.040	32.713	0.002
25.005	-0.028	25.053	0.031	25.084	0.031	25.120	0.031	32.754	0.018	32.773	0.001	32.816	-0.049	32.831	-0.049
25.161	-0.032	25.205	0.032	25.229	0.024	25.274	-0.001	32.865	-0.024	32.893	0.001	32.920	-0.016	32.956	-0.057
25.313	-0.001	25.368	0.008	25.407	-0.001	25.448	-0.000	32.973	-0.074	32.999	-0.049	33.031	-0.041	33.055	-0.066
25.503	0.016	25.527	-0.060	25.580	0.017	25.611	0.008	33.074	-0.049	33.134	-0.007	33.166	0.026	33.204	-0.004
25.633	-0.000	25.667	-0.033	25.689	-0.033	25.716	-0.009	33.241	0.002	33.265	-0.039	33.308	-0.038	33.359	-0.004
25.766	-0.025	25.808	-0.026	25.858	-0.026	25.895	-0.034	33.381	-0.012	33.417	-0.037	33.480	-0.020	33.518	-0.036
25.943	-0.010	26.004	0.007	26.052	-0.002	26.098	-0.010	33.569	-0.018	33.613	0.024	33.661	0.016	33.690	-0.000
26.144	-0.002	26.180	0.031	26.221	0.064	26.242	0.039	33.746	0.034	33.775	0.084	33.831	0.060	33.855	0.036
26.293	0.030	26.356	0.005	26.363	-0.003	26.392	0.005	33.891	0.061	33.915	0.070	33.971	0.063	33.988	0.030
26.425	0.063	26.457	0.038	26.490	0.013	26.512	-0.004	34.024	0.005	34.051	0.039	34.087	0.073	34.121	0.073
26.551	-0.029	26.570	-0.037	26.599	-0.028	26.642	-0.011	34.143	0.065	34.179	0.057	34.211	0.016	34.254	-0.000
26.661	-0.010	26.729	-0.001	26.750	-0.009	26.808	-0.024	34.258	-0.000	34.332	0.000	34.385	0.001	34.424	0.009
26.866	0.001	26.897	0.010	26.943	0.036	26.960	0.036	34.463	0.034	34.494	0.018	34.545	0.035	34.598	0.027
26.998	0.003	27.044	0.004	27.068	-0.012	27.092	-0.036	34.627	0.011	34.661	-0.022	34.726	0.011	34.748	0.011
27.153	-0.019	27.182	-0.018	27.204	0.007	27.245	0.008	34.782	0.003	34.820	0.012	34.878	0.012	34.912	0.037
27.262	0.007	27.289	-0.032	27.321	0.001	27.350	-0.039	34.970	0.012	35.016	0.012	35.072	0.013	35.122	0.013
27.381	-0.047	27.411	0.003	27.440	0.012	27.466	0.013	35.159	0.013	35.171	0.013	35.205	0.013	35.248	-0.004
27.498	0.046	27.534	0.014	27.573	0.015	27.617	0.015	35.299	-0.004	35.348	-0.012	35.384	-0.021	35.459	-0.029
27.661	0.015	27.700	0.024	27.739	0.024	27.768	0.024	35.508	-0.029	35.527	-0.021	35.559	-0.021	35.583	-0.021
27.809	0.024	27.858	0.041	27.875	-0.009	27.923	0.066	35.614	-0.021	35.646	-0.004	35.656	-0.004	35.685	-0.004
27.952	0.058	27.991	0.058	28.028	0.033	28.067	0.025	35.704	-0.004	35.728	-0.021	35.755	-0.021	35.784	-0.037
28.067	0.025	28.091	0.017	28.115	-0.007	28.139	0.026	35.810	0.037	35.842	0.037	35.866	0.029	35.890	-0.021
28.176	0.051	28.198	0.019	28.227	0.011	28.270	-0.005	35.939	-0.021	35.987	0.029	35.994	-0.029	36.023	-0.021
28.290	0.011	28.302	0.012	28.343	0.045	28.372	0.037	36.059	-0.021	36.119	-0.020	36.162	-0.027	36.179	-0.027
28.399	0.054	28.435	0.055	28.455	0.055	28.476	0.055	36.217	0.007	36.244	0.015	36.272	0.008	36.313	0.008
28.505	0.056	28.547	0.031	28.571	0.023	28.602	0.007	36.361	-0.016	36.375	-0.032	36.416	-0.023	36.432	-0.015
28.631	-0.000	28.653	-0.008	28.677	0.000	28.732	0.002	36.463	0.011	36.485	0.011	36.542	0.012	36.583	0.013
28.746	0.018	28.783	0.011	28.823	0.028	28.852	0.029	36.639	0.032	36.665	0.041	36.713	0.050	36.757	0.052
28.891	0.005	28.958	-0.002	28.994	-0.010	29.045	-0.033	36.788	0.061	36.836	0.079	36.887	0.055	36.938	0.040
29.090	-0.033	29.133	-0.007	29.171	-0.031	29.214	-0.055	36.976	0.033	37.012	0.059	37.046	0.101	37.087	0.060
29.228	-0.055	29.254	-0.022	29.282	-0.021	29.320	-0.020	37.132	0.061	37.158	0.028	37.168	0.028	37.212	0.045
29.354	-0.028	29.406	-0.036	29.439	-0.052	29.470	-0.035	37.259	0.037	37.274	0.004	37.315	-0.021	37.347	-0.020
29.494	-0.026	29.518	-0.001	29.548	0.008	29.567	0.046	37.382	-0.004	37.404	0.022	37.440	0.005	37.470	0.005
29.613	0.042	29.646	0.042	29.694	0.051	29.720	0.076	37.502	0.006	37.541	0.023	37.570	-0.002	37.617	0.006
29.746	0.051	29.779	0.043	29.817	0.077	29.862	0.086	37.653	-0.002	37.694	0.015	37.743	0.006	37.784	0.003
29.903	0.045	29.919	0.045	29.941	0.020	29.967	0.053	37.831	0.006	37.867	0.006	37.899	0.006	37.950	-0.002
30.015	0.045	30.055	0.046	30.091	-0.004	30.132	-0.012	37.969	0.023	37.991	0.023	38.028	0.006	38.067	0.040
30.180	-0.029	30.224	-0.046	30.243	-0.054	30.275	-0.021	38.112	0.040	38.132	0.057	38.211	0.041	38.259	0.041
30.309	-0.031	30.343	-0.030	30.381	-0.047	30.427	-0.055	38.285	0.033	38.321	0.008	38.367	0.009	38.410	0.026
30.457	-0.022	30.510	-0.031	30.553	-0.022	30.590	-0.022	38.432	0.026	38.461	0.034	38.499	0.051	38.528	0.043
30.617	-0.022	30.651	-0.030	30.673	-0.030	30.700	-0.030	38.552	0.043	38.571	0.044	38.604	0.036	38.630	0.036
30.739	-0.030	30.778	-0.046	30.807	-0.055	30.826	-0.055	38.659	0.044	38.702	0.044	38.735	0.028	38.763	0.011

38.796	0.003	38.849	0.037	38.891	0.062	38.939	0.045
38.965	0.012	39.003	0.037	39.043	0.046	39.081	0.054
39.100	0.046	39.152	0.045	39.219	0.037	39.235	0.028
39.278	0.028	39.318	0.028	39.356	0.036	39.404	0.011
39.444	0.011	39.480	0.011	39.527	0.027	39.551	0.027
39.577	0.027	39.628	0.027	39.659	0.010	39.705	0.010
39.741	0.010	39.767	0.010	39.782	0.034	39.810	0.051
39.849	0.059	39.878	0.009	39.909	0.009	39.938	0.026
39.977	0.050	40.015	0.033	40.073	0.009	40.119	0.042
40.160	0.043	40.218	0.035	40.233	0.035	40.286	0.027
40.293	0.010	40.312	0.011	40.342	0.011	40.395	0.019
40.419	0.020	40.448	0.020	40.472	0.037	40.511	0.029
40.535	0.012	40.576	0.004	40.598	0.029	40.634	0.013
40.669	0.005	40.696	-0.003	40.717	0.005	40.758	0.013
40.777	0.005	40.786	0.013	40.822	0.038	40.834	0.014
40.853	0.014	40.882	0.014	40.901	0.039	40.922	0.014
40.970	0.006	41.027	0.014	41.060	0.015	41.094	0.015
41.122	0.039	41.143	0.039	41.162	0.038	41.179	0.038
41.198	0.046	41.217	0.054	41.255	0.053	41.281	0.045
41.338	0.052	41.366	0.043	41.390	0.051	41.454	0.058
41.495	0.049	41.537	0.048	41.570	0.056	41.602	0.047
41.633	0.039	41.665	0.038	41.687	0.038	41.728	0.038
41.742	0.029	41.776	0.037	41.834	0.036	41.856	0.028
41.904	0.035	41.943	0.035	41.980	0.034	42.028	0.034
42.067	0.033	42.135	0.034	42.167	0.025	42.207	0.017
42.290	0.026	42.352	0.035	42.401	0.035	42.445	0.027
42.487	0.035	42.533	0.027	42.558	0.019	42.580	0.002
42.626	0.018	42.687	0.026	42.726	0.034	42.760	0.034
42.794	0.025	42.825	0.033	42.859	0.033	42.891	-0.000
42.927	-0.001	42.961	-0.001	43.000	-0.010	43.051	-0.002
43.087	-0.002	43.142	-0.003	43.161	-0.004	43.196	0.012
43.218	0.012	43.244	0.011	43.273	0.011	43.299	0.010
43.313	0.010	43.344	0.009	43.377	0.008	43.394	0.008
43.456	0.007	43.534	0.005	43.567	0.013	43.572	0.013
43.591	0.013	43.618	0.021	43.644	0.021	43.663	0.038

4.849	-0.066	4.858	-0.218	4.866	-0.403	4.873	-0.613	7.547	0.586	7.575	0.590	7.604	0.552	7.614	0.459
4.884	-0.827	4.895	-1.008	4.906	-1.180	4.916	-1.281	7.638	0.241	7.663	0.018	7.686	-0.193	7.692	-0.293
4.928	-1.444	4.938	-1.600	4.950	-1.684	4.958	-1.726	7.698	-0.420	7.708	-0.592	7.713	-0.752	7.729	-0.815
4.974	-1.641	4.987	-1.561	4.999	-1.473	5.014	-1.350	7.742	-0.853	7.761	-0.798	7.776	-0.701	7.786	-0.613
5.024	-1.161	5.037	-1.039	5.046	-0.871	5.052	-0.702	7.804	-0.563	7.820	-0.533	7.836	-0.399	7.852	-0.247
5.059	-0.483	5.074	-0.307	5.078	-0.176	5.081	-0.008	7.865	-0.176	7.885	-0.129	7.900	-0.062	7.919	-0.016
5.094	0.148	5.100	0.278	5.110	0.358	5.118	0.417	7.934	0.047	7.951	0.103	7.966	0.154	7.973	0.018
5.125	0.443	5.133	0.346	5.141	0.220	5.155	0.048	7.991	0.129	8.018	0.306	8.040	-0.554	8.065	-0.748
5.165	-0.132	5.168	-0.191	5.180	-0.334	5.185	-0.468	8.086	-0.832	8.107	-0.891	8.136	-0.815	8.154	-0.684
5.195	-0.599	5.202	-0.695	5.215	-0.745	5.232	-0.695	8.186	-0.394	8.216	-0.180	8.243	-0.041	8.270	0.035
5.252	-0.635	5.274	-0.538	5.289	-0.445	5.308	-0.411	8.307	0.115	8.323	0.182	8.352	0.266	8.389	0.224
5.321	-0.445	5.335	-0.499	5.346	-0.537	5.361	-0.482	8.411	0.170	8.431	0.140	8.457	0.082	8.476	0.124
5.382	-0.309	5.402	-0.140	5.417	0.041	5.430	0.247	8.509	0.264	8.524	0.368	8.555	0.582	8.578	0.792
5.442	0.449	5.450	0.601	5.461	0.685	5.469	0.773	8.596	0.927	8.613	0.986	8.635	1.028	8.651	1.058
5.477	0.795	5.491	0.807	5.509	0.791	5.524	0.758	8.670	1.025	8.697	0.953	8.728	0.832	8.753	0.735
5.539	0.699	5.556	0.552	5.563	0.426	5.576	0.347	8.768	0.635	8.782	0.458	8.792	0.315	8.810	0.185
5.588	0.263	5.615	0.112	5.625	0.045	5.643	-0.069	8.824	0.139	8.837	0.139	8.850	0.131	8.870	0.152
5.667	-0.127	5.695	-0.181	5.722	-0.126	5.752	0.043	8.890	0.274	8.915	0.489	8.929	0.624	8.939	0.712
5.763	0.140	5.772	0.245	5.777	0.392	5.785	0.578	8.957	0.817	8.971	0.923	8.979	0.986	8.992	1.024
5.835	1.293	5.845	1.424	5.857	1.454	5.865	1.492	9.004	1.057	9.014	1.015	9.032	0.873	9.051	0.688
5.875	1.344	5.885	1.349	5.897	1.227	5.905	1.072	9.069	0.448	9.082	0.331	9.099	0.074	9.112	-0.132
5.912	0.925	5.920	0.744	5.930	0.551	5.937	0.387	9.131	-0.371	9.151	-0.518	9.166	-0.602	9.192	-0.661
5.979	-0.415	5.989	-0.558	6.002	-0.680	6.011	-0.844	9.221	-0.644	9.239	-0.619	9.257	-0.535	9.269	-0.429
6.019	-0.919	6.031	-0.965	6.046	-0.898	6.063	-0.788	9.342	-0.324	9.304	-0.227	9.319	-0.194	9.327	-0.164
6.073	-0.691	6.084	-0.565	6.096	-0.422	6.104	-0.316	9.410	-0.614	9.434	-0.824	9.460	-0.992	9.484	-1.097
6.113	-0.148	6.123	-0.009	6.129	0.084	6.136	0.172	9.492	-1.122	9.517	-1.160	9.535	-1.118	9.557	-1.068
6.144	0.281	6.159	0.399	6.171	0.509	6.183	0.551	9.570	-1.025	9.587	-0.941	9.602	-0.819	9.617	-0.727
6.191	0.595	6.198	0.606	6.216	0.594	6.230	0.569	9.628	-0.601	9.638	-0.508	9.648	-0.399	9.662	-0.311
6.243	0.510	6.251	0.472	6.258	0.418	6.265	0.325	9.672	-0.227	9.687	-0.198	9.705	-0.194	9.717	-0.202
6.270	0.199	6.277	0.073	6.285	-0.053	6.290	-0.196	9.737	-0.244	9.758	-0.354	9.785	-0.451	9.791	-0.502
6.322	-0.935	6.327	-0.969	6.333	-1.129	6.343	-1.255	9.813	-0.523	9.831	-0.489	9.851	-0.414	9.870	-0.338
6.348	-1.339	6.357	-1.423	6.364	-1.473	6.374	-1.498	9.890	-0.225	9.908	-0.061	9.924	0.073	9.941	0.140
6.385	-1.456	6.397	-1.292	6.404	-1.187	6.407	-1.102	10.089	0.328	10.110	0.362	10.135	0.458	10.157	0.521
6.412	-0.993	6.417	-0.871	6.430	-0.749	6.434	-0.627	10.175	0.568	10.195	0.597	10.207	0.585	10.222	0.513
6.447	-0.538	6.457	-0.458	6.466	-0.391	6.474	-0.357	10.244	0.433	10.263	0.408	10.283	0.425	10.301	0.454
6.486	-0.323	6.499	-0.344	6.511	-0.378	6.526	-0.453	10.318	0.467	10.340	0.450	10.377	0.408	10.392	0.375
6.532	-0.562	6.542	-0.684	6.552	-0.810	6.561	-0.869	10.417	0.362	10.439	0.387	10.458	0.425	10.484	0.451
6.573	-0.828	6.581	-0.953	6.598	-0.965	6.608	-0.940	10.506	0.404	10.537	0.387	10.558	0.425	10.589	-0.029
6.633	-0.881	6.647	-0.830	6.660	-0.784	6.668	-0.708	10.609	-0.213	10.626	-0.343	10.641	-0.499	10.655	-0.549
6.680	-0.620	6.692	-0.536	6.709	-0.452	6.727	-0.368	10.667	-0.570	10.682	-0.553	10.704	-0.443	10.721	-0.396
6.739	-0.321	6.746	-0.296	6.761	-0.271	6.767	-0.288	10.738	-0.186	10.752	-0.068	10.765	0.025	10.780	0.088
6.781	-0.313	6.804	-0.342	6.814	-0.347	6.831	-0.338	10.797	0.143	10.811	0.118	10.829	0.072	10.846	-0.075
6.846	-0.334	6.853	-0.309	6.865	-0.246	6.877	-0.174	10.867	-0.285	10.895	-0.474	10.901	-0.646	10.918	-0.801
6.883	-0.119	6.893	-0.065	6.910	-0.006	6.927	0.028	10.929	-0.952	10.948	-1.040	10.965	-1.082	10.992	-1.124
6.940	0.066	6.954	0.133	6.971	0.192	6.991	0.230	11.014	-1.090	11.033	-1.009	11.050	-0.807	11.070	-0.580
7.003	0.268	7.009	0.348	7.021	0.461	7.028	0.550	11.083	-0.475	11.102	-0.302	11.124	-0.163	11.134	-0.112
7.039	0.697	7.050	0.802	7.058	0.916	7.065	1.025	11.151	-0.091	11.169	-0.137	11.215	-0.297	11.250	-0.415
7.071	1.101	7.085	1.185	7.102	1.319	7.114	1.378	11.279	-0.494	11.302	-0.528	11.317	-0.536	11.332	-0.515
7.129	1.412	7.137	1.386	7.151	1.315	7.162	1.205	11.353	-0.448	11.376	-0.338	11.391	-0.204	11.412	-0.035
7.169	1.079	7.174	0.903	7.184	0.776	7.193	0.616	11.432	0.208	11.455	0.499	11.470	0.717	11.486	0.886
7.205	0.494	7.213	0.272	7.309	-0.259	7.355	0.191	11.504	1.029	11.518	1.142	11.526	1.193	11.545	1.227
7.375	0.561	7.402	0.838	7.415	1.023	7.442	1.166	11.558	1.129	11.571	1.126	11.592	0.995	11.615	0.815
7.474	1.032	7.494	0.863	7.523	0.724	7.535	0.644	11.637	0.533	11.654	0.411	11.687	0.196	11.713	0.154
								11.734	0.191	11.780	0.397	11.805	0.569	11.834	0.763

11.847	0.851	11.871	0.914	11.896	0.851	11.928	0.699	17.961	0.694	17.984	0.572	18.008	0.395	18.033	0.231
11.956	0.459	11.971	0.270	11.992	0.123	12.017	0.017	18.052	0.126	18.072	0.055	18.085	0.008	18.093	0.004
12.034	-0.025	12.045	-0.038	12.066	-0.004	12.083	0.067	18.117	0.025	18.145	0.037	18.172	-0.001	18.210	-0.077
12.116	0.239	12.138	0.315	12.167	0.340	12.181	0.323	18.231	-0.162	18.244	-0.204	18.254	-0.246	18.274	-0.293
12.213	0.222	12.262	-0.026	12.313	-0.257	12.350	-0.430	18.301	-0.394	18.336	-0.537	18.359	-0.622	18.386	-0.698
12.369	-0.539	12.394	-0.682	12.418	-0.800	12.445	-0.829	18.398	-0.727	18.413	-0.748	18.426	-0.799	18.448	-0.883
12.470	-0.779	12.492	-0.661	12.521	-0.493	12.546	-0.279	18.465	-0.892	18.505	-0.901	18.527	-0.863	18.572	-0.788
12.567	-0.174	12.578	-0.127	12.606	-0.111	12.619	-0.132	18.607	-0.764	18.629	-0.722	18.640	-0.713	18.677	-0.714
12.668	-0.190	12.687	-0.299	12.728	-0.388	12.742	-0.413	18.710	-0.781	18.727	-0.727	18.748	-0.731	18.763	-0.719
12.769	-0.413	12.794	-0.404	12.823	-0.324	12.866	-0.135	18.781	-0.618	18.797	-0.618	18.820	-0.513	18.842	-0.409
12.896	0.017	12.932	0.173	12.961	0.286	12.980	0.341	18.859	-0.291	18.878	-0.186	18.900	-0.090	18.917	-0.027
13.000	0.383	13.022	0.333	13.086	0.198	13.107	0.169	18.950	0.040	18.986	0.132	19.008	0.183	19.047	0.233
13.134	0.178	13.151	0.153	13.197	0.107	13.246	0.036	19.060	0.254	19.093	0.262	19.120	0.291	19.137	0.350
13.256	0.028	13.278	0.062	13.317	0.134	13.337	0.180	19.154	0.417	19.171	0.493	19.194	0.627	19.211	0.720
13.358	0.189	13.375	0.210	13.393	0.202	13.444	0.114	19.223	0.791	19.242	0.837	19.265	0.854	19.293	0.829
13.514	-0.095	13.561	-0.233	13.585	-0.313	13.600	-0.362	19.315	0.757	19.349	0.677	19.377	0.652	19.416	0.656
13.651	-0.396	13.703	-0.425	13.737	-0.383	13.747	-0.366	19.455	0.698	19.484	0.736	19.503	0.744	19.525	0.732
13.771	-0.353	13.798	-0.386	13.818	-0.453	13.849	-0.596	19.544	0.698	19.581	0.601	19.621	0.458	19.648	0.345
13.893	-0.675	13.913	-0.696	13.938	-0.696	13.976	-0.704	19.675	0.282	19.704	0.257	19.736	0.215	19.780	0.186
14.001	-0.670	14.036	-0.619	14.053	-0.568	14.084	-0.408	19.809	0.152	19.840	0.072	19.865	-0.003	19.884	-0.108
14.124	-0.240	14.152	-0.139	14.165	-0.101	14.197	-0.050	19.908	-0.277	19.934	-0.386	19.961	-0.482	19.981	-0.541
14.245	0.004	14.273	0.072	14.314	0.202	14.350	0.320	20.000	-0.587	20.008	-0.600	20.041	-0.608	20.061	-0.659
14.373	0.379	14.409	0.408	14.444	0.467	14.470	0.526	20.088	-0.652	20.129	-0.747	20.152	-0.742	20.186	-0.730
14.497	0.661	14.515	0.745	14.537	0.821	14.563	0.863	20.212	-0.730	20.237	-0.746	20.274	-0.797	20.318	-0.923
14.586	0.888	14.595	0.918	14.606	0.943	14.638	1.027	20.366	-0.834	20.411	-0.746	20.440	-0.611	20.474	-0.452
14.655	1.073	14.677	1.132	14.695	1.183	14.706	1.157	20.504	-0.376	20.538	-0.287	20.569	-0.254	20.602	-0.220
14.731	1.031	14.746	0.939	14.808	0.783	14.840	0.775	20.631	-0.232	20.658	-0.215	20.687	-0.198	20.712	-0.173
14.862	0.741	14.907	0.695	14.946	0.607	14.990	0.498	20.738	-0.110	20.772	0.029	20.799	0.143	20.827	0.303
15.025	0.393	15.052	0.347	15.096	0.246	15.136	0.145	20.853	0.455	20.878	0.585	20.900	0.687	20.919	0.725
15.168	-0.023	15.196	-0.187	15.228	-0.334	15.251	-0.540	20.934	0.758	20.949	0.767	20.968	0.750	21.025	0.625
15.276	-0.662	15.296	-0.704	15.325	-0.776	15.343	-0.797	21.071	0.511	21.098	0.470	21.113	0.461	21.137	0.474
15.368	-0.813	15.397	-0.788	15.420	-0.767	15.437	-0.754	21.159	0.504	21.179	0.567	21.206	0.643	21.226	0.677
15.457	-0.830	15.475	-0.813	15.519	-0.897	15.557	-0.964	21.249	0.694	21.278	0.661	21.322	0.548	21.356	0.443
15.598	-0.985	15.631	-0.956	15.658	-0.880	15.698	-0.720	21.386	0.355	21.416	0.292	21.451	0.259	21.489	0.175
15.735	-0.561	15.771	-0.418	15.791	-0.376	15.828	-0.338	21.527	0.066	21.549	0.016	21.591	-0.034	21.642	-0.101
15.863	-0.283	15.892	-0.212	15.913	-0.149	15.947	-0.128	21.665	-0.135	21.689	-0.232	21.709	-0.316	21.733	-0.434
15.984	-0.095	16.010	-0.015	16.049	0.137	16.070	0.242	21.753	-0.476	21.775	-0.514	21.804	-0.527	21.829	-0.506
16.107	0.389	16.131	0.486	16.148	0.570	16.163	0.633	21.880	-0.439	21.905	-0.430	21.961	-0.414	22.006	-0.410
16.186	0.666	16.208	0.675	16.228	0.645	16.275	0.532	22.053	-0.393	22.109	-0.355	22.172	-0.314	22.213	-0.284
16.332	0.372	16.359	0.309	16.379	0.284	16.406	0.338	22.247	-0.263	22.281	-0.196	22.316	-0.099	22.347	-0.032
16.436	0.406	16.466	0.452	16.495	0.473	16.506	0.486	22.386	0.102	22.428	0.216	22.464	0.312	22.491	0.359
16.535	0.548	16.570	0.330	16.596	0.212	16.630	0.011	22.514	0.375	22.543	0.367	22.575	0.342	22.599	0.321
16.663	-0.144	16.682	-0.224	16.699	-0.262	16.718	-0.282	22.637	0.312	22.659	0.333	22.694	0.355	22.727	0.372
16.787	-0.264	16.826	-0.260	16.853	-0.310	16.880	-0.381	22.761	0.393	22.788	0.427	22.808	0.456	22.834	0.482
16.905	-0.439	16.921	-0.481	16.953	-0.493	16.995	-0.518	22.856	0.494	22.878	0.469	22.908	0.411	22.946	0.339
17.022	-0.539	17.044	-0.551	17.076	-0.571	17.105	-0.525	22.976	0.255	22.997	0.180	23.019	0.134	23.047	0.109
17.144	-0.478	17.167	-0.385	17.189	-0.280	17.207	-0.225	23.087	0.088	23.109	0.076	23.143	0.034	23.177	-0.029
17.224	-0.186	17.246	-0.169	17.274	-0.165	17.314	-0.168	23.208	-0.071	23.240	-0.138	23.266	-0.189	23.297	-0.222
17.379	-0.150	17.381	-0.079	17.398	-0.003	17.425	0.065	23.338	-0.289	23.360	-0.340	23.396	-0.419	23.413	-0.449
17.451	0.137	17.471	0.217	17.490	0.331	17.505	0.424	23.437	-0.444	23.469	-0.470	23.485	-0.478	23.503	-0.465
17.527	0.588	17.546	0.710	17.561	0.774	17.576	0.837	23.529	-0.444	23.594	-0.410	23.622	-0.402	23.656	-0.330
17.598	0.871	17.600	0.909	17.618	0.926	17.640	0.901	23.694	-0.288	23.714	-0.267	23.735	-0.262	23.761	-0.245
17.667	0.833	17.689	0.787	17.708	0.728	17.726	0.682	23.750	-0.304	23.814	-0.312	23.847	-0.291	23.876	-0.245
17.736	0.694	17.748	0.657	17.775	0.593	17.794	0.535	23.920	-0.131	23.962	-0.030	23.986	0.051	24.006	0.088
17.814	0.513	17.829	0.505	17.858	0.576	17.883	0.639	24.034	0.105	24.066	0.143	24.108	0.236	24.135	0.320
17.897	0.736	17.912	0.778	17.925	0.799	17.937	0.770	24.167	0.400	24.187	0.468	24.198	0.505	24.225	0.531

24.249	0.526	24.273	0.484	24.293	0.430	24.326	0.367	30.723	0.138	30.750	0.167	30.796	0.180	30.837	0.197
24.358	0.324	24.379	0.299	24.402	0.291	24.433	0.303	30.876	0.222	30.905	0.238	30.941	0.264	30.968	0.286
24.462	0.333	24.491	0.375	24.510	0.409	24.525	0.430	30.997	0.298	31.018	0.315	31.052	0.303	31.079	0.269
24.549	0.438	24.573	0.438	24.596	0.417	24.617	0.375	31.101	0.214	31.124	0.198	31.153	0.186	31.178	0.211
24.639	0.295	24.679	0.190	24.721	0.067	24.754	-0.018	31.219	0.246	31.221	0.288	31.233	0.301	31.251	0.309
24.779	-0.060	24.801	-0.077	24.833	-0.086	24.868	-0.082	31.278	0.297	31.308	-0.029	31.336	0.117	31.361	0.042
24.889	-0.079	24.916	-0.108	24.951	-0.151	25.007	-0.274	31.373	0.000	31.388	-0.029	31.410	-0.045	31.444	-0.028
25.066	-0.350	25.076	-0.405	25.098	-0.460	25.117	-0.481	31.464	0.002	31.493	0.032	31.506	0.053	31.522	0.053
25.140	-0.511	25.169	-0.545	25.179	-0.558	25.201	-0.558	31.539	0.066	31.559	0.050	31.591	0.030	31.619	-0.028
25.232	-0.550	25.267	-0.526	25.294	-0.454	25.319	-0.383	31.643	-0.077	31.673	-0.140	31.691	-0.244	31.702	-0.298
25.348	-0.316	25.368	-0.283	25.389	-0.250	25.421	-0.246	31.712	-0.349	31.723	-0.399	31.749	-0.499	31.799	-0.552
25.444	-0.263	25.470	-0.280	25.488	-0.289	25.509	-0.302	31.864	-0.399	31.891	-0.276	31.918	-0.158	31.940	-0.052
25.531	-0.281	25.564	-0.260	25.595	-0.181	25.634	-0.088	31.985	0.054	32.041	-0.033	32.071	-0.172	32.086	-0.315
25.671	0.017	25.698	0.063	25.720	0.101	25.754	0.160	32.122	-0.453	32.132	-0.508	32.165	-0.621	32.209	-0.478
25.786	0.228	25.811	0.270	25.840	0.296	25.869	0.313	32.233	-0.334	32.253	-0.216	32.277	-0.035	32.297	0.091
25.891	0.317	25.911	0.300	25.948	0.246	25.982	0.196	32.321	0.205	32.343	0.319	32.391	0.403	32.450	0.282
26.013	0.183	26.045	0.209	26.070	0.272	26.097	0.318	32.477	0.198	32.510	0.047	32.538	-0.071	32.572	-0.112
26.134	0.348	26.171	0.332	26.212	0.278	26.266	0.207	32.616	-0.032	32.641	0.034	32.667	0.212	32.685	0.330
26.260	0.161	26.330	0.136	26.370	0.095	26.407	0.061	32.707	0.435	32.729	0.553	32.770	0.863	32.824	0.567
26.344	0.037	26.476	0.020	26.502	-0.005	26.559	-0.088	32.856	0.420	32.879	0.294	32.901	0.172	32.925	0.097
26.503	-0.151	26.650	-0.214	26.701	-0.264	26.745	-0.314	32.962	0.051	33.023	0.152	33.065	0.266	33.123	0.329
26.772	-0.357	26.802	-0.390	26.823	-0.390	26.856	-0.361	33.173	0.300	33.205	0.232	33.234	0.140	33.259	0.060
26.894	-0.277	26.922	-0.197	26.943	-0.150	26.963	-0.117	33.281	-0.007	33.317	-0.108	33.330	-0.142	33.362	-0.200
26.982	-0.108	26.997	-0.121	27.024	-0.167	27.046	-0.209	33.388	-0.234	33.444	-0.183	33.499	-0.175	33.540	-0.179
27.085	-0.268	27.107	-0.285	27.131	-0.298	27.167	-0.281	33.547	-0.187	33.591	-0.205	33.618	-0.201	33.660	-0.201
27.195	-0.244	27.240	-0.114	27.269	-0.017	27.303	0.092	33.682	-0.214	33.727	-0.273	33.747	-0.286	33.796	-0.320
27.331	0.172	27.352	0.210	27.376	0.243	27.405	0.247	33.828	-0.300	33.864	-0.300	33.893	-0.288	33.937	-0.233
27.440	0.238	27.471	0.209	27.498	0.167	27.525	0.141	33.969	-0.187	34.007	-0.100	34.049	-0.033	34.081	-0.016
27.547	0.124	27.588	0.131	27.617	0.174	27.658	0.242	34.121	-0.000	34.155	-0.009	34.175	-0.022	34.205	-0.064
27.676	0.305	27.695	0.338	27.712	0.368	27.733	0.393	34.243	-0.090	34.265	-0.086	34.301	-0.041	34.326	-0.018
27.755	0.401	27.775	0.380	27.812	0.355	27.855	0.284	34.358	0.081	34.386	0.135	34.409	0.168	34.433	0.218
27.880	0.204	27.907	0.149	27.933	0.086	27.955	0.057	34.460	0.251	34.494	0.236	34.542	0.166	34.584	0.107
27.977	0.019	27.999	0.010	28.036	0.027	28.084	0.057	34.612	0.073	34.637	0.052	34.671	0.052	34.722	0.098
28.118	0.065	28.147	0.073	28.186	0.074	28.206	0.061	34.759	0.140	34.788	0.161	34.814	0.177	34.841	0.161
28.235	-0.015	28.274	-0.128	28.299	-0.246	28.327	-0.347	34.875	0.118	34.902	0.072	34.932	0.026	34.944	0.013
28.357	-0.397	28.369	-0.447	28.382	-0.468	28.403	-0.473	34.971	-0.029	35.002	-0.055	35.038	-0.080	35.065	-0.088
28.432	-0.456	28.457	-0.401	28.484	-0.308	28.517	-0.203	35.089	-0.093	35.116	-0.080	35.146	-0.063	35.168	-0.021
28.532	-0.144	28.552	-0.127	28.566	-0.115	28.591	-0.123	35.189	-0.004	35.223	0.013	35.251	0.005	35.277	-0.024
28.612	-0.148	28.634	-0.207	28.654	-0.279	28.681	-0.329	35.311	-0.087	35.336	-0.159	35.355	-0.205	35.367	-0.251
28.708	-0.338	28.747	-0.321	28.785	-0.288	28.822	-0.225	35.384	-0.272	35.404	-0.306	35.424	-0.306	35.448	-0.242
28.853	-0.187	28.898	-0.094	28.946	-0.023	28.988	0.057	35.475	-0.171	35.499	-0.112	35.519	-0.045	35.533	-0.011
29.022	0.107	29.048	0.141	29.075	0.170	29.109	0.200	35.548	0.014	35.576	0.052	35.610	0.015	35.634	-0.019
29.142	0.254	29.169	0.271	29.198	0.300	29.227	0.292	35.666	-0.073	35.690	-0.098	35.719	-0.090	35.747	-0.098
29.266	0.267	29.287	0.254	29.314	0.258	29.341	0.271	35.767	-0.098	35.793	-0.060	35.813	-0.022	35.829	0.033
29.364	0.304	29.382	0.350	29.398	0.376	29.418	0.392	35.854	0.092	35.890	0.143	35.919	0.172	35.948	0.206
29.442	0.405	29.464	0.401	29.502	0.354	29.522	0.312	35.977	0.236	36.001	0.228	36.036	0.194	36.060	0.148
29.548	0.241	29.570	0.207	29.601	0.165	29.649	0.148	36.082	0.114	36.122	0.081	36.135	0.073	36.163	0.056
29.690	0.149	29.719	0.140	29.740	0.119	29.779	0.069	36.185	0.060	36.218	0.089	36.249	0.136	36.271	0.165
29.814	0.015	29.841	-0.023	29.872	-0.065	29.898	-0.081	36.301	0.195	36.330	0.216	36.354	0.233	36.380	0.245
29.930	-0.119	29.949	-0.148	29.971	-0.211	29.993	-0.262	36.414	0.237	36.459	0.187	36.490	0.136	36.511	0.086
30.014	-0.295	30.041	-0.333	30.076	-0.341	30.108	-0.337	36.537	0.035	36.571	0.023	36.610	-0.049	36.644	-0.049
30.136	-0.332	30.168	-0.319	30.190	-0.307	30.218	-0.307	36.665	-0.050	36.702	-0.025	36.735	0.009	36.774	0.008
30.253	-0.323	30.281	-0.331	30.318	-0.314	30.351	-0.276	36.801	-0.017	36.835	-0.060	36.858	-0.085	36.892	-0.115
30.370	-0.259	30.394	-0.234	30.421	-0.238	30.462	-0.242	36.916	-0.120	36.934	-0.137	36.963	-0.145	36.986	-0.162
30.494	-0.242	30.524	-0.229	30.558	-0.174	30.578	-0.119	37.000	-0.163	37.027	-0.180	37.052	-0.167	37.082	-0.172
30.612	-0.052	30.646	-0.001	30.682	0.045	30.697	0.087	37.121	-0.155	37.152	-0.143	37.189	-0.147	37.217	-0.130

37.244	-0.101	37.276	-0.076	37.313	-0.085	37.340	-0.106	44.556	-0.183	44.588	-0.188	44.622	-0.184	44.649	-0.146
37.372	-0.115	37.405	-0.111	37.433	-0.081	37.469	-0.044	44.694	-0.109	44.730	-0.067	44.750	-0.054	44.782	-0.042
37.501	-0.023	37.543	0.023	37.582	0.036	37.624	0.024	44.806	-0.042	44.830	-0.042	44.864	-0.038	44.884	-0.034
37.647	0.013	37.676	0.012	37.713	0.012	37.752	0.012	44.921	-0.031	44.948	-0.014	44.979	-0.002	45.006	0.011
37.795	0.013	37.831	0.017	37.869	0.060	37.905	0.090	45.026	0.044	45.050	0.037	45.079	0.074	45.104	0.090
37.932	0.098	37.967	0.124	37.994	0.149	38.023	0.146	45.130	0.120	45.169	0.125	45.196	0.158	45.227	0.154
38.062	0.146	38.102	0.117	38.134	0.075	38.194	0.038	45.261	0.150	45.294	0.146	45.322	0.134	45.347	0.130
38.241	0.005	38.279	0.001	38.331	0.035	38.360	0.061	45.393	0.134	45.413	0.139	45.447	0.147	45.488	0.131
38.398	0.066	38.432	0.083	38.463	0.079	38.501	0.063	45.512	0.131	45.536	0.127	45.568	0.114	45.593	0.111
38.528	0.038	38.576	0.004	38.616	-0.017	38.660	-0.012	45.617	0.111	45.643	0.095	45.668	0.078	45.719	0.058
38.800	-0.014	38.865	-0.017	38.916	-0.018	39.135	-0.014	45.744	0.042	45.770	0.025	45.792	0.017	45.817	0.001
39.011	-0.020	39.064	-0.031	39.105	-0.018	39.135	-0.014	45.843	-0.024	45.863	-0.028	45.890	-0.051	45.923	-0.056
39.179	-0.013	39.215	-0.021	39.254	-0.025	39.298	-0.053	45.950	-0.073	45.980	-0.093	46.006	-0.101	46.038	-0.109
39.344	-0.061	39.390	-0.069	39.438	-0.064	39.480	-0.055	46.062	-0.121	46.089	-0.129	46.111	-0.134	46.133	-0.134
39.516	-0.033	39.550	-0.016	39.592	0.001	39.628	-0.019	46.156	-0.138	46.182	-0.129	46.209	-0.133	46.231	-0.129
39.668	-0.023	39.700	-0.022	39.731	-0.013	39.758	-0.009	46.270	-0.137	46.308	-0.142	46.349	-0.133	46.378	-0.120
39.792	-0.008	39.829	-0.016	39.858	-0.003	39.904	0.002	46.405	-0.104	46.437	-0.074	46.472	-0.049	46.498	-0.049
39.945	0.040	39.978	0.057	40.019	0.075	40.043	0.079	46.520	-0.044	46.547	-0.028	46.575	-0.053	46.601	-0.049
40.076	0.088	40.101	0.083	40.128	0.087	40.155	0.087	46.619	-0.049	46.641	-0.028	46.673	-0.007	46.700	0.010
40.189	0.022	40.215	0.040	40.236	0.023	40.279	0.022	46.722	0.022	46.762	0.068	46.786	0.101	46.816	0.135
40.431	0.104	40.468	0.091	40.498	0.084	40.525	0.028	46.842	0.138	46.875	0.168	46.909	0.164	46.938	0.159
40.562	-0.015	40.589	-0.032	40.616	-0.032	40.650	-0.033	46.958	0.132	47.014	0.125	47.039	0.125	47.063	0.125
40.674	-0.025	40.699	-0.012	40.713	0.009	40.742	0.034	47.066	0.133	47.107	0.167	47.141	0.188	47.173	0.197
40.767	0.033	40.786	0.033	40.816	0.016	40.843	-0.018	47.207	0.193	47.237	0.180	47.269	0.155	47.303	0.143
40.867	-0.035	40.889	-0.060	40.914	-0.082	40.948	-0.103	47.335	0.130	47.373	0.118	47.396	0.109	47.425	0.084
40.984	-0.093	41.023	-0.083	41.058	-0.079	41.097	-0.033	47.454	0.072	47.479	0.064	47.505	0.055	47.530	0.022
41.124	-0.005	41.155	0.043	41.182	0.035	41.226	0.010	47.562	0.009	47.593	0.001	47.615	-0.003	47.635	-0.011
41.257	-0.036	41.284	-0.061	41.308	-0.086	41.337	-0.103	47.657	-0.028	47.682	-0.045	47.709	-0.070	47.737	-0.091
41.395	-0.044	41.437	0.023	41.466	0.074	41.502	0.104	47.753	-0.103	47.784	-0.124	47.811	-0.132	47.831	-0.132
41.536	0.121	41.568	0.108	41.606	0.091	41.638	0.057	47.850	-0.132	47.872	-0.132	47.894	-0.136	47.913	-0.132
41.672	0.040	41.698	0.040	41.725	0.031	41.759	0.022	47.935	-0.144	47.957	-0.157	47.979	-0.165	48.007	-0.173
41.795	0.014	41.825	0.047	41.856	0.072	41.882	0.105	48.044	-0.173	48.073	-0.168	48.100	-0.127	48.129	-0.152
41.910	0.130	41.944	0.139	41.975	0.130	42.009	0.092	48.154	-0.143	48.181	-0.131	48.207	-0.127	48.232	-0.118
42.047	0.033	42.072	-0.005	42.106	-0.043	42.134	-0.056	48.259	-0.102	48.296	-0.089	48.320	-0.085	48.347	-0.064
42.173	-0.048	42.211	-0.048	42.252	-0.031	42.281	-0.006	48.372	-0.060	48.408	-0.047	48.435	-0.039	48.464	-0.026
42.317	0.015	42.353	0.011	42.394	-0.014	42.421	-0.040	48.521	0.016	48.558	0.053	48.591	0.070	48.630	0.086
42.457	-0.082	42.488	-0.124	42.512	-0.158	42.542	-0.183	48.660	0.098	48.699	0.110	48.735	0.113	48.765	0.109
42.573	-0.187	42.607	-0.162	42.645	-0.124	42.676	-0.077	48.794	0.091	48.828	0.095	48.857	0.099	48.888	0.115
42.706	-0.052	42.734	-0.039	42.756	-0.043	42.790	-0.060	48.911	0.106	48.940	0.126	48.967	0.147	48.994	0.142
42.824	-0.076	42.852	-0.097	42.889	-0.110	42.925	-0.101	49.025	0.133	49.052	0.116	49.089	0.111	49.122	0.089
42.975	-0.067	43.012	-0.058	43.057	-0.020	43.094	0.018	49.147	0.072	49.172	0.055	49.208	0.050	49.239	0.032
43.130	0.067	43.166	0.072	43.212	0.093	43.243	0.106	49.266	0.032	49.293	0.015	49.330	0.001	49.359	-0.008
43.275	0.097	43.311	0.101	43.343	0.101	43.371	0.097	49.389	-0.004	49.417	-0.013	49.440	-0.026	49.462	-0.035
43.396	0.109	43.429	0.126	43.452	0.139	43.480	0.168	49.496	-0.073	49.537	-0.091	49.566	-0.079	49.595	-0.092
43.505	0.185	43.533	0.189	43.553	0.197	43.567	0.202	49.622	-0.100	49.654	-0.100	49.690	-0.104	49.721	-0.108
43.564	0.206	43.609	0.201	43.631	0.184	43.657	0.176	49.762	-0.087	49.798	-0.075	49.832	-0.075	49.864	-0.058
43.679	0.159	43.703	0.150	43.728	0.137	43.752	0.120	49.898	-0.062	49.929	-0.066	49.968	-0.079	50.007	-0.096
43.778	0.120	43.802	0.111	43.820	0.107	43.846	0.094	50.043	-0.096	50.124	-0.037	50.148	-0.037	50.178	-0.037
43.868	0.086	43.885	0.085	43.907	0.081	43.934	0.072	50.181	0.018	50.211	0.044	50.236	0.052	50.269	0.069
43.951	0.068	43.975	0.059	44.006	0.051	44.031	0.030	50.305	0.061	50.340	0.049	50.374	0.015	50.409	0.007
44.058	0.012	44.087	-0.009	44.108	-0.026	44.131	-0.056	50.454	0.016	50.490	0.029	50.526	0.054	50.569	0.088
44.155	-0.077	44.181	-0.098	44.206	-0.111	44.233	-0.124	50.609	0.101	50.652	0.110	50.684	0.106	50.720	0.090
44.264	-0.129	44.288	-0.133	44.315	-0.130	44.343	-0.130	50.748	0.073	50.774	0.057	50.803	0.032	50.830	0.024
44.369	-0.134	44.386	-0.130	44.415	-0.139	44.444	-0.135	50.863	0.032	50.896	0.041	50.926	0.050	50.961	0.059
44.466	-0.131	44.486	-0.148	44.508	-0.153	44.533	-0.179	50.993	0.055	51.023	0.042	51.050	0.047	51.082	0.022
								51.119	-0.007	51.152	-0.024	51.189	-0.036	51.218	-0.052

51.250	-0.065	51.284	-0.060	51.312	-0.051	51.345	-0.043	57.786	-0.050	57.818	-0.047	57.846	-0.034	57.875	-0.026
51.389	-0.030	51.426	-0.025	51.467	-0.041	51.509	-0.062	57.898	-0.014	57.924	-0.023	57.961	-0.028	57.995	-0.045
51.538	-0.078	51.573	-0.091	51.604	-0.116	51.639	-0.125	58.029	-0.058	58.070	-0.038	58.104	-0.005	58.134	0.003
51.676	-0.117	51.710	-0.100	51.746	-0.075	51.780	-0.046	58.172	0.045	58.216	0.040	58.262	0.064	58.287	0.076
51.822	-0.021	51.858	-0.038	51.920	-0.047	51.956	-0.039	58.316	0.076	58.347	0.071	58.372	0.070	58.411	0.065
51.996	-0.739	52.035	-0.031	52.071	0.002	52.105	0.026	58.443	0.073	58.474	0.068	58.513	0.068	58.545	0.080
52.141	0.042	52.173	0.042	52.209	0.049	52.240	0.044	58.574	0.079	58.601	0.100	58.628	0.095	58.659	0.091
52.272	0.039	52.310	0.022	52.349	0.025	52.380	0.029	58.692	0.082	58.735	0.055	58.770	0.048	58.809	0.039
52.412	0.032	52.446	0.048	52.482	0.060	52.513	0.068	58.839	0.030	58.875	0.017	58.920	0.000	58.954	-0.004
52.540	0.058	52.574	0.083	52.598	0.091	52.640	0.082	58.986	-0.013	59.022	-0.043	59.064	-0.056	59.103	-0.056
52.667	0.073	52.702	0.051	52.734	0.042	52.759	0.029	59.140	-0.052	59.172	-0.069	59.198	-0.090	59.223	-0.094
52.792	0.073	52.793	0.041	52.814	0.036	52.843	0.027	59.257	-0.111	59.284	-0.124	59.315	-0.141	59.343	-0.133
52.870	0.018	52.896	0.010	52.916	0.009	52.943	0.004	59.376	-0.133	59.411	-0.124	59.453	-0.116	59.499	-0.108
52.967	0.004	52.991	0.004	53.004	0.003	53.025	-0.001	59.535	-0.108	59.577	-0.096	59.614	-0.088	59.645	-0.075
53.054	0.007	53.082	0.010	53.106	0.023	53.133	0.019	59.672	-0.067	59.696	-0.076	59.740	-0.081	59.779	-0.056
53.155	0.014	53.171	0.014	53.187	-0.011	53.207	-0.003	59.811	-0.027	59.862	0.031	59.896	0.060	59.928	0.072
53.225	-0.028	53.249	-0.036	53.272	-0.049	53.306	-0.053	59.960	0.085	59.984	0.084	60.014	0.097	60.043	0.084
53.336	-0.045	53.375	-0.037	53.407	-0.028	53.427	-0.011	60.077	0.087	60.124	0.091	60.165	0.090	60.210	0.102
53.452	-0.003	53.477	0.001	53.497	0.005	53.523	0.022	60.253	0.118	60.292	0.134	60.341	0.146	60.376	0.153
53.570	0.005	53.597	0.005	53.642	0.006	53.682	-0.002	60.413	0.127	60.450	0.110	60.476	0.088	60.504	0.058
53.711	-0.006	53.739	-0.010	53.764	-0.002	53.791	0.007	60.536	0.049	60.558	0.028	60.589	0.015	60.623	0.014
53.820	0.015	53.845	0.024	53.868	0.033	53.887	0.041	60.640	0.022	60.665	0.013	60.694	0.009	60.718	0.000
53.899	0.046	53.934	0.054	53.957	0.054	53.991	0.042	60.741	-0.000	60.785	-0.031	60.823	-0.061	60.853	-0.091
54.014	0.034	54.041	0.022	54.078	0.005	54.112	0.005	60.889	-0.121	60.924	-0.130	60.956	-0.130	60.989	-0.118
54.160	0.011	54.196	-0.007	54.230	-0.003	54.264	-0.011	61.036	-0.115	61.065	-0.119	61.097	-0.120	61.121	-0.124
54.292	-0.011	54.318	-0.002	54.352	-0.011	54.377	-0.015	61.155	-0.129	61.175	-0.125	61.209	-0.125	61.251	-0.125
54.406	-0.023	54.425	-0.023	54.452	-0.027	54.479	-0.031	61.295	-0.112	61.333	-0.104	61.389	-0.075	61.421	-0.062
54.499	-0.039	54.522	-0.039	54.556	-0.048	54.583	-0.056	61.463	-0.042	61.512	-0.021	61.560	0.008	61.612	0.033
54.597	-0.064	54.624	-0.073	54.658	-0.073	54.690	-0.056	61.646	0.046	61.687	0.051	61.724	0.060	61.771	0.068
54.721	-0.030	54.754	-0.018	54.800	-0.009	54.829	-0.022	61.825	0.094	61.864	0.107	61.900	0.124	61.925	0.116
54.859	-0.022	54.885	-0.043	54.917	-0.034	54.948	-0.030	61.934	0.133	61.979	0.133	62.013	0.138	62.035	0.134
54.977	-0.038	55.008	-0.026	55.039	-0.017	55.055	-0.013	62.062	0.134	62.089	0.122	62.126	0.088	62.169	0.059
55.079	-0.000	55.106	-0.004	55.135	0.008	55.162	0.029	62.208	0.042	62.243	0.042	62.268	0.037	62.300	0.042
55.191	0.042	55.218	0.038	55.252	0.046	55.275	0.046	62.335	0.046	62.363	0.046	62.388	0.041	62.422	0.029
55.296	0.042	55.323	0.034	55.350	0.038	55.385	0.042	62.449	0.012	62.486	-0.026	62.516	-0.068	62.549	-0.098
55.411	0.026	55.445	0.022	55.467	0.022	55.495	0.022	62.581	-0.123	62.606	-0.119	62.635	-0.119	62.663	-0.124
55.521	0.022	55.548	0.026	55.583	0.022	55.615	0.039	62.689	-0.121	62.712	-0.113	62.746	-0.097	62.784	-0.089
55.642	0.039	55.682	0.043	55.709	0.043	55.741	0.022	62.823	-0.081	62.845	-0.090	62.867	-0.091	62.897	-0.100
55.775	0.001	55.804	-0.003	55.842	-0.016	55.871	-0.012	62.924	-0.109	62.951	-0.122	62.978	-0.123	63.000	-0.123
55.889	-0.037	55.916	-0.020	55.945	-0.016	55.967	-0.003	63.037	-0.120	63.073	-0.099	63.109	-0.058	63.165	-0.017
55.994	-0.012	56.019	-0.020	56.046	-0.020	56.075	-0.016	63.216	0.012	63.244	0.024	63.268	0.023	63.308	0.027
56.100	-0.020	56.127	-0.029	56.152	-0.029	56.180	-0.033	63.345	0.018	63.376	0.026	63.410	0.034	63.452	0.058
56.208	-0.029	56.230	-0.029	56.261	-0.029	56.290	-0.034	63.479	0.062	63.527	0.090	63.570	0.115	63.605	0.119
56.324	-0.021	56.362	-0.017	56.390	-0.009	56.417	-0.005	63.659	0.127	63.692	0.122	63.724	0.109	63.752	0.057
56.442	0.012	56.478	0.012	56.513	0.008	56.525	0.007	63.778	0.080	63.822	0.071	63.886	0.067	63.916	0.071
56.547	0.016	56.583	0.007	56.615	0.015	56.654	0.024	63.954	0.079	63.972	0.070	64.008	0.053		
56.689	0.040	56.724	0.048	56.753	0.061	56.791	0.048								
56.818	0.052	56.842	0.051	56.866	0.060	56.890	0.043								
56.919	0.047	56.949	0.042	56.977	0.050	57.001	0.050								
57.024	0.047	57.048	0.033	57.084	0.041	57.113	0.049								
57.140	0.041	57.166	0.049	57.195	0.044	57.217	0.048								
57.244	0.023	57.268	0.014	57.292	0.001	57.319	-0.020								
57.339	-0.033	57.363	-0.033	57.387	-0.033	57.411	-0.021								
57.433	-0.017	57.458	-0.013	57.487	-0.000	57.514	0.008								
57.540	-0.013	57.559	-0.030	57.582	-0.039	57.608	-0.069								
57.630	-0.069	57.659	-0.082	57.703	-0.074	57.752	-0.075								

5.832	-0.017	5.864	0.290	5.874	0.365	5.884	0.445	9.886	-0.032	9.899	-0.154	9.916	-0.318	9.941	-0.482
5.897	0.500	5.919	0.433	5.944	0.269	5.969	0.067	9.956	-0.592	9.966	-0.612	9.986	-0.658	9.992	-0.662
5.982	-0.008	6.016	-0.093	6.031	-0.177	6.059	-0.412	10.006	-0.607	10.012	-0.540	10.032	-0.372	10.076	-0.077
6.076	-0.555	6.086	-0.677	6.098	-0.702	6.121	-0.551	10.093	0.183	10.108	0.183	10.123	0.263	10.143	0.310
6.134	-0.639	6.161	-0.664	6.176	-0.630	6.205	-0.470	10.163	0.247	10.189	0.074	10.222	0.174	10.236	-0.241
6.216	-0.420	6.230	-0.350	6.245	-0.453	6.256	-0.546	10.246	-0.288	10.263	-0.304	10.278	-0.245	10.296	-0.111
6.281	-0.891	6.298	-1.105	6.305	-1.181	6.315	-1.235	10.320	-0.066	10.337	0.183	10.352	0.242	10.370	0.289
6.325	-1.227	6.343	-1.147	6.363	-0.894	6.389	0.305	10.404	0.238	10.426	0.238	10.456	0.141	10.444	0.099
6.404	-0.255	6.412	-0.158	6.422	-0.061	6.435	-0.023	10.483	0.082	10.500	0.036	10.538	-0.065	10.571	-0.162
6.449	-0.070	6.472	-0.196	6.484	-0.250	6.506	-0.225	10.591	-0.220	10.613	-0.233	10.628	-0.242	10.645	-0.179
6.529	0.145	6.573	0.070	6.600	0.403	6.672	0.630	10.672	-0.044	10.704	-0.044	10.708	-0.061	10.726	-0.078
6.650	0.939	6.692	0.998	6.692	0.998	6.700	0.969	10.752	-0.204	10.774	-0.334	10.796	-0.444	10.821	-0.507
6.727	0.809	6.751	0.587	6.757	0.520	6.771	0.465	10.836	-0.54	10.857	-0.486	10.894	-0.347	10.914	-0.284
6.788	0.520	6.808	0.681	6.835	1.152	6.892	1.615	10.936	-0.238	11.048	-0.406	11.066	-0.444	11.087	-0.473
6.873	1.834	6.888	1.915	6.900	1.805	6.920	1.545	11.024	-0.335	11.048	-0.406	11.066	-0.444	11.087	-0.473
6.942	0.944	6.944	0.856	6.967	0.200	6.974	0.020	11.107	-0.436	11.125	-0.381	11.141	-0.292	11.181	-0.086
6.982	-0.110	6.999	-0.198	7.008	-0.223	7.016	-0.189	11.203	0.010	11.235	0.099	11.263	0.158	11.304	0.280
7.029	-0.105	7.061	0.166	7.078	0.301	7.093	0.377	11.322	0.330	11.348	0.305	11.380	0.229	11.391	0.217
7.109	0.394	7.134	0.370	7.147	0.324	7.163	0.228	11.415	0.250	11.433	0.309	11.462	0.465	11.497	0.722
7.188	0.073	7.211	-0.145	7.221	-0.342	7.235	-0.502	11.511	0.781	11.531	0.810	11.551	0.772	11.573	0.709
7.250	-0.707	7.259	-0.791	7.287	-0.765	7.292	-0.500	11.605	0.592	11.613	0.525	11.634	0.503	11.652	0.478
7.302	-0.205	7.318	-0.183	7.326	-0.221	7.344	-0.292	11.699	0.558	11.733	0.613	11.745	0.638	11.760	0.598
7.358	-0.481	7.378	-0.670	7.400	-0.880	7.417	-1.002	11.813	0.252	11.827	0.176	11.839	0.113	11.864	0.071
7.425	-1.074	7.437	-1.132	7.451	-1.124	7.464	-1.048	11.882	0.080	11.914	0.126	11.941	0.164	11.966	0.151
7.473	-0.876	7.494	-0.632	7.518	-0.354	7.532	-0.194	11.997	0.135	12.013	0.109	12.035	0.072	12.056	-0.021
7.540	-0.068	7.553	0.016	7.562	0.075	7.572	0.121	12.108	-0.263	12.125	-0.290	12.142	-0.327	12.157	-0.336
7.585	0.058	7.609	-0.106	7.614	-0.169	7.629	-0.333	12.167	-0.299	12.189	-0.192	12.228	0.014	12.243	0.038
7.644	-0.447	7.655	-0.535	7.661	-0.624	7.669	-0.683	12.265	0.136	12.284	0.162	12.369	0.149	12.399	0.124
7.695	-0.712	7.715	-0.662	7.730	-0.594	7.754	-0.376	12.435	0.179	12.477	0.306	12.514	0.487	12.543	0.676
7.767	-0.094	7.784	0.213	7.804	0.654	7.823	1.083	12.560	0.735	12.584	0.794	12.609	0.837	12.613	0.845
7.830	1.302	7.838	1.411	7.848	1.495	7.859	1.545	12.637	0.812	12.652	0.738	12.672	0.686	12.713	0.455
7.870	1.474	7.879	1.331	7.892	1.112	7.914	0.725	12.727	0.408	12.759	0.358	12.818	0.317	12.842	0.271
7.933	0.376	7.944	0.119	7.963	-0.087	7.985	-0.162	12.868	-0.220	12.891	0.137	12.924	-0.006	12.978	-0.229
7.990	-0.301	8.007	-0.343	8.018	-0.237	8.037	0.242	13.046	-0.385	13.075	-0.711	13.102	-0.799	13.175	-0.854
8.045	0.533	8.065	0.777	8.082	1.000	8.094	1.135	13.222	-0.899	13.261	-0.908	13.324	-0.907	13.360	-0.886
8.114	1.215	8.134	1.131	8.159	0.926	8.173	0.665	13.385	-0.835	13.404	-0.776	13.441	-0.637	13.487	-0.452
8.193	0.338	8.206	0.128	8.221	-0.167	8.240	-0.301	13.507	-0.393	13.541	-0.342	13.568	-0.329	13.600	-0.308
8.255	-0.385	8.273	-0.355	8.298	-0.111	8.315	0.037	13.622	-0.262	13.644	-0.178	13.668	-0.068	13.705	0.142
8.332	0.147	8.340	0.180	8.354	0.197	8.370	0.151	13.737	0.395	13.764	0.555	13.783	0.651	13.796	0.706
8.387	0.089	8.415	-0.058	8.454	-0.154	8.479	-0.314	13.810	0.727	13.832	0.677	13.845	0.601	13.891	0.391
8.501	-0.503	8.521	-0.608	8.533	-0.658	8.566	-0.725	13.913	0.341	13.927	0.316	13.952	0.354	13.972	0.438
8.508	-0.809	8.648	-0.838	8.673	-0.800	8.693	-0.745	14.001	0.577	14.035	0.669	14.054	0.690	14.081	0.640
8.722	-0.673	8.735	-0.661	8.755	-0.686	8.777	-0.719	14.103	0.539	14.164	0.081	14.180	-0.050	14.208	-0.150
8.797	-0.740	8.817	-0.719	8.828	-0.647	8.874	-0.295	14.226	-0.184	14.252	-0.150	14.304	-0.024	14.319	-0.001
8.994	-0.144	8.929	0.079	8.947	0.175	8.967	0.234	14.336	-0.037	14.367	-0.222	14.407	-0.554	14.422	-0.642
8.987	0.200	9.022	0.074	9.042	0.086	9.057	-0.246	14.439	-0.697	14.456	-0.718	14.475	-0.688	14.515	-0.600
9.081	-0.373	9.087	-0.415	9.096	-0.415	9.109	-0.394	14.544	-0.591	14.591	-0.587	14.635	-0.575	14.684	-0.567
9.134	-0.277	9.160	-0.041	9.185	0.223	9.202	0.404	14.717	-0.537	14.744	-0.474	14.766	-0.398	14.800	-0.347
9.220	0.551	9.234	0.610	9.249	0.652	9.272	0.669	14.830	-0.297	14.854	-0.251	14.877	-0.162	14.902	-0.028
9.294	0.601	9.310	0.475	9.342	0.139	9.360	0.008	14.941	0.128	14.968	0.241	15.007	0.351	15.087	0.544
9.374	-0.059	9.389	-0.072	9.404	-0.030	9.429	0.096	15.102	0.578	15.132	0.552	15.161	0.527	15.194	0.569
9.455	0.226	9.469	0.298	9.487	0.331	9.504	0.234	15.208	0.578	15.236	0.561	15.254	0.544	15.278	0.574
9.520	0.209	9.538	0.155	9.557	-0.009	9.600	-0.232	15.306	0.616	15.340	0.675	15.370	0.725	15.390	0.721
9.523	-0.332	9.650	-0.391	9.676	-0.420	9.723	-0.449	15.408	0.704	15.427	0.603	15.449	0.477	15.474	0.330
9.750	-0.424	9.763	-0.365	9.788	-0.214	9.809	-0.024	15.529	0.099	15.576	-0.069	15.629	-0.246	15.684	-0.363
9.833	0.081	9.843	0.127	9.853	0.144	9.868	0.090	15.714	-0.431	15.743	-0.494	15.761	-0.515	15.791	-0.489

15.816	-0.473	15.836	-0.510	15.851	-0.552	15.883	-0.670	23.868	-0.090	23.930	-0.044	23.967	-0.002	23.995	0.024
15.910	-0.737	15.923	-0.725	15.943	-0.691	15.008	-0.439	24.017	0.011	24.056	0.007	24.085	0.057	24.125	0.141
16.049	-0.325	16.069	-0.300	16.092	-0.325	16.112	-0.338	24.152	0.259	24.174	0.305	24.195	0.326	24.222	0.296
16.138	-0.309	16.159	-0.229	16.183	-0.102	16.216	0.175	24.261	0.221	24.299	0.149	24.352	0.111	24.381	0.086
16.243	0.352	16.270	0.512	16.293	0.575	16.314	0.596	24.500	0.085	24.541	0.030	24.608	-0.079	24.666	-0.160
16.330	0.562	16.357	0.508	16.377	0.482	16.392	0.499	24.725	-0.202	24.767	-0.215	24.803	-0.173	24.838	-0.153
16.424	0.554	16.446	0.693	16.486	1.021	16.501	1.160	24.936	-0.174	24.967	-0.183	25.076	-0.099	25.124	-0.036
16.424	0.554	16.466	0.693	16.486	1.021	16.501	1.160	25.196	0.031	25.237	0.090	25.304	0.229	25.320	0.199
16.518	1.202	16.528	1.223	16.547	1.155	16.565	1.034	25.369	0.224	25.414	0.187	25.470	0.166	25.522	0.187
16.592	0.815	16.623	0.537	16.640	0.449	16.652	0.403	25.558	0.271	25.590	0.305	25.629	0.267	25.673	0.187
16.669	0.365	16.687	0.374	16.709	0.386	16.730	0.416	25.720	0.049	25.752	-0.035	25.788	-0.073	25.827	-0.087
16.748	0.437	16.762	0.449	16.782	0.424	16.802	0.366	25.866	-0.035	25.910	-0.001	25.927	0.007	25.949	-0.026
16.823	0.286	16.860	0.034	16.885	-0.172	16.919	-0.470	26.001	-0.123	26.033	-0.194	26.062	-0.270	26.107	-0.304
16.941	-0.575	16.958	-0.651	16.968	-0.680	16.985	-0.697	26.136	-0.179	26.156	-0.211	26.193	-0.094	26.219	-0.048
17.012	-0.667	17.049	-0.587	17.082	-0.490	17.100	-0.460	26.251	-0.056	26.278	-0.077	26.328	-0.145	26.355	-0.174
17.123	-0.481	17.150	-0.569	17.177	-0.707	17.202	-0.812	26.385	-0.158	26.416	-0.111	26.490	0.090	26.510	0.170
17.216	-0.837	17.238	-0.820	17.265	-0.723	17.318	-0.424	26.530	0.220	26.569	0.233	26.596	0.182	26.642	0.115
17.362	-0.109	17.400	0.077	17.424	0.157	17.436	0.169	26.669	0.098	26.698	0.124	26.726	0.162	26.758	0.216
17.456	0.123	17.452	0.039	17.512	0.043	17.541	0.089	26.791	0.242	26.814	0.213	26.873	0.133	26.943	0.100
17.640	0.565	17.659	0.666	17.677	0.720	17.693	0.876	26.987	0.075	27.051	-0.001	27.116	-0.085	27.170	-0.155
17.708	0.838	17.728	0.859	17.762	0.742	17.782	0.611	27.228	-0.171	27.299	-0.191	27.347	-0.220	27.407	-0.232
17.824	0.409	17.860	0.376	17.873	0.363	17.895	0.380	27.442	-0.244	27.471	-0.223	27.514	-0.180	27.582	-0.074
17.929	0.413	17.949	0.362	17.983	0.240	18.023	0.055	27.626	-0.044	27.651	-0.031	27.724	-0.034	27.762	-0.000
18.070	-0.236	18.102	-0.316	18.140	-0.392	18.187	-0.590	27.823	0.106	27.847	0.165	27.891	0.203	27.935	0.195
18.224	-0.737	18.257	-0.775	18.279	-0.796	18.331	-0.737	27.993	0.161	28.042	0.128	28.071	0.136	28.110	0.162
18.356	-0.712	18.394	-0.754	18.421	-0.780	18.436	-0.771	28.145	0.196	28.172	0.204	28.210	0.162	28.267	0.070
18.485	-0.716	18.538	-0.586	18.602	-0.304	18.646	-0.157	28.361	-0.031	28.361	-0.102	28.395	-0.144	28.423	-0.161
18.702	0.081	18.743	0.255	18.802	0.394	18.869	0.566	28.456	-0.098	28.488	-0.035	28.512	-0.014	28.535	-0.035
18.901	0.621	18.945	0.705	18.993	0.777	19.006	0.785	28.742	-0.036	28.805	-0.146	28.845	-0.226	28.883	-0.247
19.032	0.731	19.073	0.642	19.098	0.563	19.119	0.554	28.951	-0.230	28.991	-0.196	29.038	-0.175	29.081	-0.154
19.148	0.584	19.170	0.605	19.196	0.554	19.221	0.470	29.134	0.157	29.166	0.250	29.195	0.275	29.238	0.258
19.285	0.142	19.341	-0.047	19.392	-0.257	19.420	-0.316	29.265	0.237	29.294	0.199	29.332	0.149	29.361	0.170
19.457	-0.375	19.481	-0.401	19.498	-0.426	19.527	-0.535	29.403	0.224	29.424	0.241	29.458	0.199	29.516	0.098
19.577	-0.733	19.604	-0.779	19.612	-0.792	19.638	-0.737	29.550	-0.044	29.591	0.035	29.669	0.035	29.709	0.010
19.699	-0.527	19.728	-0.464	19.832	-0.464	19.878	-0.426	29.742	-0.036	29.805	-0.146	29.845	-0.226	29.883	-0.247
19.918	-0.300	19.963	-0.094	20.007	0.141	20.031	0.238	30.218	-0.129	30.252	-0.095	30.312	-0.007	30.355	0.060
20.087	0.415	20.129	0.541	20.156	0.608	20.205	0.612	30.379	0.077	30.444	0.065	30.478	0.048	30.521	0.099
20.242	0.629	20.278	0.650	20.325	0.672	20.372	0.659	30.551	0.158	30.585	0.208	30.614	0.242	30.647	0.217
20.400	0.600	20.427	0.529	20.467	0.386	20.515	0.235	30.708	0.175	30.769	0.158	30.851	0.154	30.887	0.125
20.560	0.075	20.603	0.012	20.638	-0.084	20.664	-0.130	30.917	0.091	30.960	0.057	31.030	0.014	31.101	0.001
20.689	-0.219	20.723	-0.349	20.753	-0.450	20.794	-0.529	31.130	-0.042	31.168	-0.126	31.199	-0.190	31.225	-0.186
20.843	-0.542	20.885	-0.567	20.926	-0.550	20.990	-0.361	31.255	-0.136	31.283	-0.073	31.309	-0.032	31.324	-0.023
21.029	-0.492	21.056	-0.466	21.076	-0.412	21.091	-0.361	31.356	-0.083	31.403	-0.126	31.488	-0.129	31.508	-0.176
21.184	-0.101	21.246	0.055	21.305	0.206	21.351	0.278	31.529	-0.193	31.540	-0.210	31.562	-0.203	31.582	-0.153
21.401	0.345	21.452	0.425	21.492	0.552	21.553	0.577	31.602	-0.099	31.626	-0.037	31.646	0.017	31.660	0.063
21.576	0.594	21.608	0.577	21.655	0.473	21.723	0.250	31.675	0.113	31.693	0.133	31.708	0.145	31.722	0.149
21.745	0.225	21.809	0.213	21.839	0.179	21.883	0.112	31.742	0.123	31.764	0.106	31.784	0.080	31.801	0.055
21.925	0.003	21.978	0.206	22.001	-0.278	22.025	-0.366	31.822	0.042	31.844	0.041	31.864	0.061	31.886	0.045
22.079	-0.281	22.104	-0.314	22.157	-0.360	22.282	-0.366	31.910	0.045	31.928	0.032	31.950	0.041	31.975	0.103
22.326	-0.320	22.352	-0.277	22.406	-0.247	22.469	-0.158	31.997	0.128	32.012	0.144	32.032	0.166	32.049	0.174
22.598	0.308	22.744	0.295	22.779	0.279	22.876	0.320	32.064	0.175	32.080	0.175	32.091	0.162	32.112	0.138
22.985	0.319	23.070	0.281	23.104	0.239	23.142	0.142	32.179	0.050	32.199	0.026	32.218	-0.012	32.238	-0.024
23.181	-0.192	23.222	-0.090	23.275	-0.171	23.313	-0.175	32.262	-0.032	32.287	-0.040	32.312	-0.048	32.329	-0.048
23.367	-0.128	23.393	-0.183	23.427	-0.255	23.483	-0.335								
23.518	-0.377	23.540	-0.389	23.595	-0.334	23.633	-0.292								
23.665	-0.271	23.730	-0.258	23.775	-0.208	23.820	-0.145								

32.346	-0.060	32.366	-0.081	32.380	-0.106	32.395	-0.135	36.515	-0.223	36.527	-0.227	36.546	-0.214	36.561	-0.193
32.417	-0.118	32.434	-0.080	32.447	-0.042	32.471	-0.012	36.575	-0.185	36.587	-0.168	36.599	-0.142	36.617	-0.121
32.499	-0.012	32.516	-0.016	32.535	-0.045	32.550	-0.074	36.636	-0.091	36.651	-0.091	36.674	-0.078	36.698	-0.095
32.557	-0.104	32.570	-0.133	32.584	-0.158	32.602	-0.158	36.715	-0.124	36.728	-0.149	36.742	-0.170	36.762	-0.195
32.619	-0.149	32.636	-0.132	32.651	-0.132	32.670	-0.132	36.781	-0.212	36.802	-0.216	36.815	-0.224	36.834	-0.203
32.684	-0.149	32.694	-0.166	32.711	-0.170	32.731	-0.166	36.851	-0.186	36.865	-0.156	36.885	-0.118	36.911	-0.064
32.751	-0.132	32.773	-0.090	32.793	-0.056	32.809	-0.010	36.930	-0.026	36.952	-0.008	36.981	-0.033	37.003	0.038
32.825	0.024	32.841	0.045	32.861	0.066	32.889	0.074	37.020	0.038	37.040	0.038	37.062	0.038	37.077	0.025
32.895	0.074	32.915	0.066	32.934	0.057	32.949	0.040	37.104	0.030	37.121	0.030	37.143	0.042	37.162	0.055
32.961	0.007	32.981	-0.014	33.011	-0.056	33.035	-0.084	37.182	0.068	37.207	0.090	37.229	0.135	37.251	0.164
33.064	-0.031	33.084	-0.001	33.109	0.045	33.126	0.083	37.265	0.189	37.287	0.197	37.314	0.201	37.334	0.167
33.143	0.117	33.158	0.146	33.177	0.197	33.194	0.231	37.351	0.146	37.373	0.112	37.391	0.100	37.418	0.074
33.212	0.239	33.236	0.244	33.253	0.236	33.268	0.219	37.442	0.057	37.470	0.074	37.499	0.090	37.524	0.103
33.280	0.186	33.293	0.153	33.302	0.111	33.317	0.082	37.548	0.098	37.571	0.107	37.592	0.115	37.607	0.094
33.329	0.040	33.341	0.011	33.349	-0.019	33.361	-0.035	37.625	0.085	37.657	0.047	37.683	0.031	37.710	-0.012
33.374	-0.065	33.388	-0.073	33.410	-0.085	33.422	-0.072	37.736	-0.050	37.772	-0.079	37.800	-0.100	37.824	-0.113
33.444	-0.042	33.457	-0.008	33.469	0.013	33.481	0.042	37.856	-0.121	37.888	-0.117	37.918	-0.130	37.949	-0.117
33.494	0.076	33.510	0.118	33.532	0.148	33.566	0.156	37.982	-0.117	38.013	-0.104	38.045	-0.096	38.089	-0.087
33.591	0.135	33.606	0.102	33.622	0.072	33.639	0.043	38.139	-0.096	38.159	-0.112	38.195	-0.112	38.233	-0.112
33.650	0.001	33.664	-0.041	33.676	-0.087	33.689	-0.133	38.273	-0.121	38.309	-0.129	38.340	-0.108	38.365	-0.095
33.708	-0.175	33.720	-0.209	33.735	-0.234	33.768	-0.234	38.385	-0.070	38.425	-0.041	38.452	-0.015	38.479	0.006
33.790	-0.167	33.803	-0.121	33.820	-0.075	33.835	-0.025	38.515	0.018	38.551	0.022	38.592	0.022	38.633	0.014
33.852	0.013	33.869	0.038	33.885	0.042	33.902	0.042	38.673	0.018	38.704	0.018	38.745	0.018	38.789	0.005
33.917	0.037	33.931	0.008	33.944	-0.022	33.958	-0.077	38.830	0.005	38.877	0.009	38.914	-0.004	38.948	0.005
33.971	-0.119	33.990	-0.145	34.007	-0.196	34.039	-0.238	38.979	0.009	39.020	0.034	39.044	0.055	39.072	0.080
34.061	-0.251	34.087	-0.197	34.105	-0.155	34.122	-0.101	39.099	0.101	39.127	0.118	39.154	0.118	39.177	0.118
34.143	-0.175	34.155	0.038	34.173	0.071	34.189	0.113	39.205	0.101	39.223	0.085	39.256	0.055	39.281	0.013
34.226	0.134	34.243	0.130	34.243	0.113	34.257	0.091	39.302	0.005	39.325	-0.029	39.352	-0.050	39.389	-0.042
34.275	0.045	34.291	-0.010	34.304	-0.035	34.318	-0.082	39.423	-0.029	39.444	0.001	39.474	0.017	39.504	0.047
34.338	-0.120	34.354	-0.145	34.381	-0.150	34.403	-0.103	39.531	0.064	39.546	0.072	39.567	0.060	39.590	0.043
34.420	-0.053	34.440	0.027	34.461	0.123	34.476	0.182	39.609	0.031	39.628	0.002	39.645	-0.028	39.667	-0.061
34.493	0.241	34.512	0.270	34.544	0.270	34.563	0.253	39.687	-0.090	39.707	-0.107	39.729	-0.098	39.750	-0.081
34.583	0.211	34.602	0.182	34.612	0.136	34.629	0.089	39.775	-0.056	39.797	-0.026	39.823	-0.001	39.843	0.012
34.639	0.051	34.646	0.030	34.658	-0.016	34.673	-0.045	39.863	0.016	39.889	0.012	39.907	0.004	39.929	-0.029
34.697	-0.067	34.722	-0.050	34.739	-0.004	34.760	0.047	39.930	-0.055	39.979	-0.084	39.999	-0.088	40.024	-0.092
34.780	0.122	34.800	0.164	34.827	0.197	34.849	0.210	40.041	-0.066	40.061	-0.049	40.081	-0.007	40.100	0.031
34.873	0.192	34.889	0.184	34.904	0.142	34.922	0.095	40.127	0.040	40.143	0.044	40.155	0.036	40.173	0.023
34.941	0.061	34.955	0.015	34.982	-0.061	35.002	-0.116	40.199	0.007	40.229	-0.006	40.256	-0.014	40.281	-0.006
35.019	-0.159	35.048	-0.197	35.080	-0.176	35.113	-0.160	40.309	0.011	40.326	0.028	40.346	0.032	40.369	0.020
35.135	-0.110	35.162	-0.047	35.187	0.003	35.209	0.027	40.388	0.011	40.405	0.011	40.426	0.032	40.443	0.041
35.233	0.027	35.253	0.010	35.275	-0.024	35.291	-0.067	40.468	0.045	40.490	0.033	40.510	0.049	40.537	0.036
35.308	-0.122	35.328	-0.164	35.348	-0.207	35.372	-0.253	40.556	0.020	40.584	0.003	40.611	0.011	40.640	0.028
35.396	-0.279	35.418	-0.259	35.442	-0.225	35.465	-0.180	40.659	0.040	40.693	0.033	40.718	0.053	40.745	0.061
35.481	-0.113	35.491	-0.058	35.508	-0.008	35.525	0.030	40.776	0.056	40.799	0.035	40.820	0.010	40.840	-0.003
35.552	0.076	35.574	0.080	35.595	0.080	35.615	0.063	40.864	-0.020	40.892	-0.016	40.913	-0.012	40.933	0.013
35.641	0.058	35.658	0.041	35.684	0.029	35.699	0.016	40.962	0.034	40.989	0.068	41.019	0.068	41.045	0.072
35.713	0.007	35.732	0.007	35.752	0.011	35.778	0.045	41.079	0.068	41.103	0.034	41.125	0.009	41.150	-0.012
35.791	0.078	35.803	0.087	35.821	0.133	35.836	0.163	41.174	-0.020	41.200	-0.024	41.227	0.001	41.259	0.005
35.851	0.184	35.877	0.214	35.899	0.231	35.920	0.243	41.291	0.005	41.329	0.006	41.347	0.014	41.376	0.014
35.935	0.256	35.950	0.252	35.973	0.227	35.983	0.244	41.404	0.014	41.429	-0.003	41.460	-0.019	41.499	-0.019
36.003	0.224	36.019	0.194	36.043	0.153	36.067	0.128	41.528	-0.015	41.562	-0.023	41.603	-0.023	41.637	-0.031
36.108	0.103	36.124	0.082	36.151	0.078	36.174	0.083	41.671	-0.031	41.701	-0.043	41.730	-0.005	41.766	-0.013
36.193	0.091	36.207	0.100	36.241	0.109	36.265	0.118	41.798	-0.022	41.821	-0.034	41.846	-0.060	41.873	-0.069
36.282	0.110	36.301	0.097	36.313	0.085	36.331	0.060	41.895	-0.060	41.919	-0.056	41.946	-0.023	41.969	-0.006
36.368	0.010	36.389	-0.040	36.410	-0.082	36.425	-0.111	41.996	0.014	42.018	0.010	42.045	-0.016	42.079	-0.041
36.443	-0.157	36.460	-0.186	36.472	-0.199	36.496	-0.215	42.098	-0.050	42.122	-0.050	42.146	-0.046	42.172	-0.034

42.194	-0.009	42.220	0.008	42.244	0.033	42.276	0.041	47.913	0.003	47.940	-0.002	47.963	-0.027	47.985	-0.036
42.297	0.053	42.317	0.061	42.339	0.044	42.365	0.031	48.009	-0.044	48.033	-0.036	48.058	-0.024	48.092	0.005
42.394	0.026	42.420	0.026	42.445	0.038	42.469	0.046	48.119	0.026	48.144	0.042	48.165	0.050	48.182	0.046
42.503	0.050	42.534	0.062	42.567	0.066	42.603	0.073	48.205	0.042	48.222	0.020	48.249	0.003	48.278	0.003
42.632	0.077	42.661	0.068	42.686	0.039	42.709	0.030	48.303	-0.010	48.337	0.019	48.364	0.040	48.396	0.052
42.739	0.018	42.770	0.005	42.803	0.009	42.825	0.009	48.417	0.052	48.435	0.056	48.471	0.060	48.510	0.038
42.845	0.009	42.866	0.008	42.885	0.017	42.912	0.012	48.532	0.021	48.565	0.008	48.601	0.008	48.627	0.008
42.934	-0.000	42.958	-0.017	42.979	-0.030	42.996	-0.038	48.655	0.011	48.681	0.015	48.705	0.015	48.723	0.019
43.018	-0.051	43.038	-0.063	43.059	-0.063	43.079	-0.059	48.752	0.023	48.779	0.019	48.806	0.011	48.844	0.006
43.095	-0.063	43.117	-0.063	43.136	-0.067	43.158	-0.063	48.866	0.006	48.892	0.002	48.920	0.010	48.949	0.002
43.180	-0.071	43.204	-0.083	43.228	-0.075	43.252	-0.070	48.974	-0.007	49.018	-0.019	49.044	-0.032	49.079	-0.028
43.282	-0.070	43.311	-0.049	43.337	-0.024	43.367	-0.007	49.105	-0.024	49.135	-0.007	49.166	0.001	49.188	0.003
43.391	-0.010	43.422	-0.018	43.446	-0.043	43.470	-0.043	49.213	0.018	49.237	0.022	49.264	0.009	49.301	0.001
43.506	-0.063	43.545	-0.038	43.579	-0.020	43.608	-0.003	49.322	-0.004	49.337	0.005	49.361	-0.008	49.381	-0.004
43.635	0.014	43.655	0.031	43.678	0.044	43.705	0.049	49.407	-0.013	49.429	-0.009	49.456	-0.005	49.476	-0.005
43.729	0.049	43.747	0.053	43.771	0.037	43.800	0.012	49.503	-0.005	49.527	-0.001	49.551	0.003	49.570	0.015
43.831	0.008	43.858	0.008	43.885	0.012	43.909	0.016	49.597	0.019	49.614	0.023	49.636	0.023	49.665	0.001
43.943	0.012	43.975	0.013	44.008	0.013	44.038	0.013	49.684	-0.016	49.708	-0.037	49.721	-0.042	49.740	-0.042
44.077	0.013	44.099	0.004	44.130	-0.013	44.154	-0.026	49.762	-0.042	49.774	-0.038	49.808	-0.025	49.825	-0.025
44.183	-0.043	44.216	-0.043	44.245	-0.048	44.264	-0.035	49.839	-0.017	49.853	-0.009	49.873	-0.009	49.890	-0.001
44.286	-0.019	44.313	-0.019	44.342	-0.019	44.369	-0.020	49.912	-0.009	49.933	-0.022	49.960	-0.026	49.979	-0.039
44.395	-0.020	44.417	-0.020	44.449	-0.025	44.469	-0.029	50.003	-0.047	50.027	-0.064	50.051	-0.060	50.070	-0.060
44.445	-0.038	44.513	-0.034	44.532	-0.046	44.552	-0.047	50.092	-0.064	50.115	-0.056	50.137	-0.047	50.154	-0.013
44.586	-0.034	44.608	-0.014	44.632	-0.003	44.654	0.015	50.182	-0.009	50.208	0.004	50.230	0.012	50.249	0.013
44.674	0.015	44.698	-0.014	44.725	-0.006	44.754	-0.027	50.270	0.009	50.284	-0.004	50.306	-0.004	50.330	-0.016
44.774	-0.023	44.801	-0.019	44.825	-0.011	44.852	0.019	50.353	-0.029	50.384	-0.028	50.404	-0.028	50.437	-0.024
44.876	0.036	44.893	0.035	44.916	0.035	44.940	0.023	50.458	-0.007	50.479	-0.003	50.505	0.014	50.532	0.039
44.984	0.006	44.986	-0.019	45.013	-0.024	45.038	-0.028	50.553	0.061	50.578	0.073	50.599	0.069	50.628	0.052
45.069	-0.019	45.099	-0.006	45.147	0.019	45.184	0.044	50.647	0.040	50.676	0.027	50.702	0.015	50.724	-0.010
45.212	0.036	45.242	0.028	45.278	0.003	45.303	-0.014	50.750	0.006	50.771	-0.002	50.786	0.015	50.810	0.036
45.327	-0.006	45.351	0.007	45.380	0.019	45.412	0.036	50.836	0.045	50.853	0.053	50.875	0.061	50.898	0.070
45.444	0.040	45.465	0.049	45.492	0.040	45.521	0.015	50.920	0.057	50.939	0.040	50.963	0.027	50.985	0.015
45.549	0.003	45.582	-0.014	45.609	0.002	45.629	0.006	51.018	-0.002	51.047	-0.003	51.074	-0.011	51.101	-0.003
45.665	0.027	45.685	0.052	45.711	0.056	45.740	0.059	51.121	-0.003	51.137	-0.003	51.162	-0.003	51.184	-0.007
45.765	0.068	45.799	0.067	45.819	0.063	45.838	0.041	51.213	0.001	51.231	0.001	51.260	-0.008	51.282	-0.021
45.874	0.020	45.897	0.011	45.923	-0.002	45.953	-0.006	51.311	-0.025	51.336	-0.021	51.360	-0.017	51.391	-0.017
45.991	-0.015	46.020	-0.002	46.052	-0.007	46.077	0.002	51.413	-0.009	51.435	-0.009	51.460	-0.005	51.489	-0.005
46.108	0.014	46.141	0.018	46.168	0.014	46.194	0.005	51.519	-0.009	51.541	-0.005	51.570	-0.005	51.595	-0.014
46.217	-0.012	46.246	-0.037	46.280	-0.066	46.309	-0.075	51.621	-0.006	51.651	-0.010	51.672	-0.006	51.702	-0.002
46.336	-0.057	46.363	-0.040	46.395	-0.015	46.418	-0.002	51.729	0.036	51.746	0.032	51.766	0.032	51.792	0.032
46.435	-0.010	46.461	-0.026	46.479	-0.039	46.505	-0.068	51.810	0.032	51.834	0.023	51.859	0.010	51.880	-0.006
46.520	-0.093	46.543	-0.114	46.567	-0.126	46.592	-0.122	51.907	-0.019	51.936	-0.036	51.961	-0.024	51.978	-0.007
46.607	-0.105	46.639	-0.071	46.660	-0.054	46.682	-0.024	52.002	0.014	52.027	0.035	52.047	0.048	52.066	0.043
46.707	-0.007	46.736	0.002	46.763	0.002	46.790	-0.023	52.087	0.031	52.105	0.026	52.129	0.001	52.146	-0.008
46.817	-0.065	46.835	-0.073	46.855	-0.085	46.882	-0.068	52.158	-0.037	52.192	-0.029	52.213	-0.037	52.235	-0.033
46.906	-0.064	46.933	-0.030	46.960	0.004	46.989	0.029	52.262	-0.021	52.288	-0.008	52.313	0.004	52.332	0.029
47.024	0.050	47.058	0.045	47.083	0.045	47.110	0.028	52.342	0.042	52.365	0.041	52.378	0.037	52.399	0.016
47.131	0.028	47.151	0.033	47.180	0.012	47.198	0.028	52.422	-0.001	52.446	-0.014	52.470	-0.040	52.492	-0.019
47.214	0.045	47.254	0.066	47.275	0.087	47.295	0.091	52.515	0.006	52.538	0.027	52.561	0.048	52.581	0.060
47.324	0.099	47.339	0.104	47.361	0.095	47.381	0.083	52.601	0.068	52.620	0.081	52.644	0.089	52.664	0.080
47.398	0.070	47.415	0.057	47.434	0.044	47.457	0.036	52.688	0.067	52.714	0.058	52.731	0.037	52.751	0.029
47.476	0.010	47.500	-0.011	47.520	-0.003	47.551	0.001	52.766	0.029	52.785	0.029	52.807	0.041	52.819	0.058
47.573	0.001	47.601	0.031	47.627	0.047	47.644	0.051	52.838	0.066	52.853	0.070	52.872	0.079	52.887	0.087
47.661	0.047	47.681	0.038	47.701	0.030	47.721	0.009	52.906	0.091	52.925	0.087	52.942	0.074	52.962	0.065
47.740	-0.025	47.755	-0.050	47.776	-0.055	47.793	-0.046	52.988	0.061	53.010	0.053	53.032	0.052	53.066	0.044
47.816	-0.030	47.843	-0.026	47.864	-0.005	47.891	0.003	53.087	0.052	53.113	0.032	53.143	0.048	53.165	0.044

53.187	0.052	53.205	0.052	53.227	0.052	53.245	0.036	59.024	-0.000	59.044	0.004	59.068	-0.009	59.100	-0.022
53.272	0.023	53.301	0.006	53.334	-0.015	53.360	-0.023	59.134	-0.039	59.166	-0.056	59.196	-0.031	59.235	-0.014
53.387	0.023	53.412	-0.027	53.440	-0.014	53.460	-0.002	59.261	-0.010	59.289	-0.002	59.316	-0.010	59.350	-0.002
53.487	0.002	53.511	0.011	53.541	0.011	53.570	0.011	59.377	-0.002	59.399	-0.002	59.423	-0.002	59.445	-0.002
53.593	-0.015	53.617	-0.027	53.649	-0.044	53.680	-0.048	59.464	-0.015	59.494	-0.015	59.520	-0.015	59.549	-0.007
53.709	-0.036	53.732	-0.028	53.761	-0.007	53.783	0.002	59.579	-0.003	59.606	0.009	59.626	0.005	59.649	0.001
53.808	0.031	53.828	0.039	53.855	0.039	53.882	0.031	59.669	-0.012	59.703	-0.012	59.732	-0.029	59.767	-0.046
53.905	0.014	53.930	-0.003	53.952	-0.028	53.976	-0.041	59.786	-0.029	59.813	-0.021	59.843	-0.021	59.871	-0.014
54.004	0.020	54.028	-0.012	54.053	0.005	54.085	0.021	59.893	-0.018	59.920	-0.018	59.943	-0.018	59.965	-0.014
54.109	0.021	54.140	0.021	54.169	0.021	54.198	0.021	59.986	-0.018	60.003	-0.018	60.030	-0.019	60.064	-0.019
54.223	0.020	54.254	0.016	54.282	0.007	54.311	0.003	60.096	-0.019	60.123	-0.023	60.143	-0.024	60.177	-0.011
54.344	-0.001	54.369	-0.014	54.398	-0.019	54.420	-0.032	60.206	0.002	60.236	0.014	60.261	0.010	60.293	0.006
54.451	-0.044	54.474	-0.045	54.500	-0.028	54.534	-0.024	60.327	0.014	60.359	0.014	60.380	0.023	60.401	0.023
54.559	-0.024	54.580	-0.024	54.604	-0.025	54.633	-0.025	60.427	0.023	60.454	0.018	60.474	0.027	60.513	0.027
54.651	-0.021	54.670	-0.046	54.691	-0.046	54.720	-0.058	60.537	0.031	60.560	0.031	60.594	0.031	60.616	0.031
54.745	-0.072	54.768	-0.055	54.788	-0.043	54.820	-0.010	60.648	0.031	60.671	0.031	60.691	0.044	60.718	0.052
54.843	0.007	54.875	-0.002	54.901	0.002	54.919	-0.019	60.747	0.056	60.774	0.056	60.794	0.048	60.826	0.018
54.943	-0.032	54.964	-0.045	54.991	-0.050	55.025	-0.055	60.870	0.002	60.892	-0.011	60.914	-0.019	60.946	-0.015
55.051	-0.038	55.071	-0.030	55.088	-0.018	55.113	0.012	60.974	0.002	61.002	0.018	61.023	0.031	61.045	-0.031
55.139	0.011	55.167	0.011	55.196	0.011	55.220	-0.006	61.074	0.003	61.099	0.018	61.116	-0.015	61.145	-0.024
55.247	-0.023	55.274	-0.028	55.301	-0.028	55.331	-0.028	61.170	-0.041	61.197	-0.046	61.226	-0.046	61.241	-0.034
55.369	-0.012	55.399	0.022	55.421	0.034	55.452	0.051	61.274	-0.022	61.306	0.007	61.335	0.016	61.362	0.019
55.474	-0.042	55.501	0.021	55.519	0.004	55.548	-0.013	61.389	0.015	61.412	-0.011	61.433	-0.028	61.468	-0.024
55.571	-0.026	55.600	-0.018	55.625	-0.018	55.645	-0.005	61.484	-0.033	61.531	-0.037	61.563	-0.021	61.590	0.004
55.667	0.003	55.689	0.024	55.714	0.033	55.748	0.041	61.621	-0.020	61.650	0.024	61.680	0.032	61.709	0.036
55.772	0.045	55.792	0.045	55.815	0.020	55.832	0.007	61.729	0.019	61.761	0.019	61.804	0.031	61.837	0.052
55.861	0.003	55.889	-0.010	55.923	-0.014	55.950	-0.014	61.861	0.052	61.858	0.060	61.929	0.060	61.969	0.064
55.982	-0.002	56.009	0.023	56.036	0.036	56.058	0.036	62.005	0.055	62.040	0.055	62.089	0.058	62.119	0.058
56.078	0.031	56.097	0.006	56.117	-0.011	56.134	-0.024	62.152	0.058	62.171	0.050	62.211	0.054	62.239	0.050
56.171	-0.033	56.193	-0.029	56.224	-0.020	56.247	-0.004	62.271	0.041	62.306	0.037	62.340	0.033	62.367	0.037
56.273	-0.008	56.295	0.009	56.319	0.008	56.341	0.008	62.400	0.041	62.442	0.016	62.467	0.020	62.487	-0.006
56.363	0.004	56.385	-0.013	56.403	-0.026	56.430	-0.030	62.517	-0.010	62.553	0.003	62.591	0.007	62.625	0.007
56.459	-0.039	56.496	-0.039	56.513	-0.027	56.534	-0.010	62.662	0.007	62.690	0.007	62.724	0.006	62.769	0.006
56.552	0.006	56.581	0.027	56.605	0.027	56.622	0.027	62.781	-0.002	62.808	-0.011	62.835	-0.015	62.852	-0.011
56.646	0.035	56.670	0.043	56.689	0.034	56.714	0.017	62.879	0.010	62.904	0.019	62.924	0.014	62.958	0.014
56.743	0.000	56.769	0.000	56.793	-0.000	56.825	0.012	62.978	0.010	63.016	-0.007	63.046	-0.011	63.084	-0.011
56.853	0.025	56.875	0.020	56.895	0.020	56.926	0.020	63.117	-0.011	63.159	-0.011	63.194	-0.007	63.243	0.015
56.950	0.024	56.979	0.024	57.009	0.032	57.033	0.032	63.288	0.010	63.320	0.019	63.348	0.019	63.395	0.019
57.062	0.036	57.084	0.036	57.117	0.049	57.144	0.040	63.423	0.032	63.458	0.032	63.494	0.040	63.534	0.049
57.171	0.036	57.198	0.031	57.225	0.019	57.259	0.023	63.583	0.049	63.609	0.049	63.651	0.049	63.693	0.041
57.287	0.023	57.307	0.031	57.331	0.027	57.356	0.039	63.723	0.045	63.760	0.049	63.793	0.070	63.821	0.066
57.385	0.039	57.424	0.039	57.458	0.031	57.499	0.026	63.859	0.075	63.897	0.050	63.931	0.037	63.960	0.058
57.540	0.030	57.567	0.034	57.591	0.039	57.625	0.043	63.999	0.029	64.032	0.029	64.092	0.008	64.130	0.008
57.647	0.034	57.676	0.034	57.698	0.034	57.727	0.034	64.172	0.012	64.190	0.012				
57.752	0.034	57.783	0.034	57.810	0.042	57.834	0.030								
57.860	0.025	57.880	0.038	57.900	-0.008	57.933	-0.000								
57.965	0.012	57.990	0.033	58.012	0.042	58.036	0.050								
58.055	0.050	58.080	0.033	58.113	0.016	58.136	0.003								
58.177	-0.005	58.213	-0.006	58.247	-0.010	58.271	-0.010								
58.293	-0.006	58.316	0.007	58.347	0.002	58.374	0.011								
58.398	0.023	58.425	0.015	58.459	0.002	58.486	-0.015								
58.512	-0.036	58.537	-0.036	58.559	-0.032	58.584	-0.032								
58.600	-0.020	58.627	-0.007	58.654	0.005	58.679	0.009								
58.708	0.022	58.735	0.013	58.757	-0.012	58.780	-0.029								
58.806	-0.050	58.838	-0.067	58.868	-0.067	58.890	-0.063								
58.917	-0.050	58.944	-0.030	58.973	-0.013	58.998	-0.005								

71-0572/9/71 0600PST L.A. 3470 WILSHIRE BLVD. 5TH FL. DOWN

2413 POINTS 64.017 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1260 G/10

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.008	0.010	-0.060	0.018	-0.102	0.022	-0.110
0.037	-0.140	0.049	-0.098	0.062	0.016	0.069	0.100
0.075	0.155	0.082	0.176	0.096	0.184	0.114	0.150
0.124	0.083	0.141	0.020	0.147	-0.009	0.164	-0.026
0.174	-0.009	0.184	0.028	0.192	0.066	0.206	0.100
0.221	0.054	0.229	-0.047	0.236	-0.161	0.243	-0.232
0.256	-0.274	0.269	-0.228	0.276	-0.152	0.283	-0.093
0.296	0.035	0.309	0.030	0.328	0.079	0.331	0.092
0.348	0.138	0.370	0.012	0.383	0.064	0.396	-0.161
0.418	-0.114	0.436	-0.169	0.456	-0.076	0.463	0.079
0.475	0.294	0.485	0.420	0.500	0.294	0.522	0.046
0.535	-0.139	0.543	-0.194	0.568	-0.097	0.577	-0.000
0.591	0.084	0.611	0.117	0.643	0.159	0.656	0.113
0.676	-0.038	0.691	-0.046	0.709	-0.210	0.729	-0.134
0.749	-0.075	0.781	-0.046	0.789	-0.062	0.805	-0.109
0.820	-0.159	0.837	-0.096	0.854	0.052	0.862	0.182
0.873	0.279	0.883	0.317	0.895	0.266	0.908	0.065
0.923	-0.103	0.930	-0.133	0.948	0.023	0.960	0.229
0.968	0.347	0.981	0.414	1.001	0.301	1.016	0.011
1.028	-0.136	1.039	-0.182	1.061	0.003	1.074	0.201
1.081	0.344	1.092	0.415	1.104	0.285	1.114	0.029
1.125	-0.211	1.129	-0.400	1.135	-0.547	1.149	-0.610
1.168	0.459	1.180	-0.198	1.185	0.017	1.193	0.122
1.218	0.202	1.235	0.034	1.248	-0.168	1.263	-0.235
1.281	-0.151	1.298	-0.016	1.309	0.035	1.334	0.119
1.351	0.216	1.369	0.283	1.390	0.140	1.402	0.036
1.420	-0.150	1.435	-0.053	1.450	-0.002	1.471	-0.099
1.480	0.183	1.493	0.254	1.524	0.166	1.529	-0.102
1.539	-0.073	1.563	-0.174	1.582	-0.102	1.596	-0.030
1.604	0.016	1.626	0.071	1.647	0.260	1.666	0.479
1.676	0.546	1.682	0.593	1.697	0.521	1.711	0.315
1.724	0.080	1.731	-0.080	1.737	-0.252	1.754	-0.395
1.767	0.176	1.784	0.064	1.800	0.337	1.809	0.564
1.837	0.010	1.852	-0.470	1.879	-0.722	1.904	-0.263
1.924	0.242	1.935	0.540	1.950	0.650	1.968	0.452
1.988	0.174	1.997	0.157	2.018	-0.393	2.037	-0.199
2.057	0.041	2.083	0.272	2.102	0.096	2.122	-0.215
2.135	-0.421	2.152	-0.610	2.170	-0.450	2.195	-0.181
2.203	-0.143	2.224	-0.193	2.255	-0.151	2.265	-0.130
2.275	-0.130	2.285	-0.143	2.300	-0.193	2.317	-0.256

5.061	0.369	5.068	0.359	5.081	0.449	5.084	0.449	8.362	0.321	8.379	0.254	8.402	0.073	8.424	-0.040
5.093	0.525	5.094	0.596	5.108	0.525	5.120	0.462	8.449	-0.077	8.471	-0.022	8.503	0.113	8.526	0.184
5.135	0.298	5.145	-0.030	5.155	-0.207	5.162	-0.346	8.545	0.244	8.571	0.215	8.603	0.181	8.631	0.139
5.177	-0.430	5.200	-0.342	5.204	-0.258	5.215	-0.131	8.653	0.110	8.683	0.123	8.700	0.127	8.723	0.118
5.227	0.037	5.236	0.251	5.247	0.403	5.262	0.478	8.738	0.072	8.750	0.022	8.765	-0.037	8.778	-0.062
5.278	0.317	5.281	0.289	5.298	0.087	5.308	-0.043	8.794	-0.029	8.807	0.026	8.820	0.106	8.840	0.114
5.323	-0.111	5.343	-0.069	5.368	0.007	5.392	0.095	8.860	0.022	8.885	-0.012	8.912	0.026	8.939	0.081
5.412	0.179	5.422	0.221	5.435	0.310	5.456	0.226	8.957	0.127	8.977	0.178	8.991	0.186	9.002	0.132
5.467	0.011	5.482	-0.191	5.491	-0.267	5.504	-0.321	9.014	0.047	9.027	-0.045	9.041	-0.201	9.054	-0.310
5.538	-0.052	5.548	0.045	5.558	0.095	5.567	0.095	9.069	-0.373	9.086	-0.276	9.097	-0.137	9.104	0.107
5.570	0.120	5.583	0.091	5.598	-0.073	5.606	-0.229	9.117	0.279	9.126	0.426	9.134	0.510	9.152	0.552
5.616	-0.305	5.631	-0.364	5.643	-0.338	5.657	-0.254	9.171	0.476	9.184	0.291	9.201	0.039	9.219	-0.104
5.677	-0.191	5.680	-0.225	5.697	-0.338	5.705	-0.423	9.231	-0.129	9.247	-0.066	9.266	0.106	9.277	0.215
5.712	-0.469	5.725	-0.490	5.738	-0.477	5.752	-0.397	9.287	0.274	9.299	0.279	9.311	0.215	9.331	0.089
5.767	-0.233	5.777	-0.086	5.785	0.027	5.792	0.107	9.341	0.064	9.352	0.114	9.374	0.241	9.387	0.341
5.799	0.149	5.810	0.187	5.820	0.149	5.832	0.065	9.399	0.392	9.414	0.430	9.431	0.388	9.447	0.257
5.840	-0.074	5.854	-0.158	5.865	-0.208	5.879	-0.133	9.469	0.076	9.484	-0.020	9.497	-0.100	9.502	-0.117
5.885	-0.032	5.894	0.040	5.910	0.107	5.921	0.019	9.517	-0.079	9.527	-0.050	9.540	-0.029	9.550	0.013
5.939	-0.221	5.954	-0.419	5.966	-0.478	5.967	-0.462	9.572	-0.033	9.582	-0.067	9.589	-0.096	9.602	-0.096
5.977	-0.415	5.989	-0.247	5.999	-0.007	6.006	0.170	9.617	-0.088	9.630	-0.092	9.644	-0.079	9.659	-0.071
6.014	0.313	6.021	0.477	6.031	0.561	6.041	0.611	9.673	-0.037	9.690	-0.003	9.700	0.022	9.718	0.056
6.053	0.569	6.066	0.514	6.078	0.451	6.091	0.426	9.727	-0.092	9.743	0.094	9.755	-0.052	9.772	-0.010
6.106	0.376	6.129	0.258	6.148	0.153	6.163	0.119	9.785	-0.065	9.798	-0.107	9.815	-0.086	9.826	-0.022
6.170	0.149	6.181	0.216	6.190	0.283	6.198	0.313	9.838	-0.024	9.850	0.045	9.868	-0.001	9.885	-0.114
6.220	0.237	6.233	0.073	6.255	-0.045	6.275	-0.100	9.898	-0.190	9.913	-0.227	9.933	-0.155	9.951	-0.016
6.287	-0.079	6.302	-0.028	6.313	0.018	6.322	0.027	9.963	0.038	9.978	0.076	9.991	0.034	10.016	-0.075
6.335	0.010	6.352	0.010	6.362	0.035	6.380	0.098	10.024	-0.100	10.063	-0.082	10.083	-0.086	10.095	-0.132
6.387	0.157	6.394	0.186	6.400	0.220	6.409	0.245	10.105	-0.174	10.116	-0.204	10.131	-0.216	10.147	-0.195
6.419	0.199	6.432	0.048	6.440	-0.129	6.452	-0.306	10.163	-0.169	10.175	-0.152	10.187	-0.190	10.199	-0.261
6.461	-0.369	6.467	-0.423	6.472	-0.436	6.479	-0.369	10.207	-0.324	10.216	-0.353	10.234	-0.311	10.247	-0.218
6.492	-0.243	6.501	-0.087	6.507	0.014	6.514	0.085	10.258	-0.113	10.266	-0.004	10.273	0.068	10.279	0.102
6.519	0.106	6.526	0.123	6.532	0.115	6.549	0.022	10.291	0.138	10.301	0.110	10.318	0.022	10.331	-0.078
6.563	-0.079	6.574	-0.116	6.589	-0.142	6.606	0.158	10.342	0.148	10.353	-0.221	10.363	-0.238	10.374	-0.238
6.626	-0.125	6.643	-0.007	6.658	0.123	6.670	0.203	10.389	-0.208	10.412	-0.136	10.427	-0.075	10.437	-0.035
6.673	0.233	6.689	0.258	6.700	0.225	6.720	0.099	10.451	-0.005	10.463	-0.034	10.479	-0.055	10.493	-0.068
6.729	-0.074	6.737	-0.217	6.751	-0.313	6.757	-0.347	10.501	-0.076	10.515	-0.055	10.540	0.000	10.555	0.064
6.772	-0.364	6.783	-0.309	6.801	-0.225	6.821	-0.132	10.574	0.102	10.587	0.127	10.601	0.144	10.616	0.127
6.831	-0.056	6.848	0.011	6.858	0.070	6.875	0.024	10.635	0.107	10.650	0.073	10.663	0.023	10.672	-0.011
6.890	-0.068	6.903	-0.262	6.915	-0.472	6.929	-0.585	10.682	-0.019	10.699	0.006	10.718	0.036	10.729	0.065
6.944	-0.636	6.947	-0.686	6.962	-0.598	6.976	-0.469	10.733	0.074	10.745	0.065	10.762	0.044	10.779	-0.015
6.986	-0.219	6.999	-0.055	7.014	0.071	7.019	0.159	10.789	-0.082	10.806	-0.115	10.818	-0.103	10.841	-0.027
7.036	0.092	7.056	-0.109	7.070	-0.181	7.083	-0.240	10.853	0.024	10.860	0.062	10.870	0.074	10.882	0.058
7.093	-0.177	7.110	-0.021	7.120	0.181	7.127	0.358	10.899	-0.039	10.911	-0.110	10.926	-0.136	10.943	-0.119
7.139	0.480	7.151	0.526	7.161	0.476	7.174	0.354	10.961	-0.055	10.975	-0.001	10.989	0.041	11.002	0.025
7.184	0.207	7.193	0.031	7.205	-0.238	7.216	-0.364	11.021	-0.035	11.034	-0.206	11.048	-0.261	11.058	-0.290
7.282	-0.296	7.355	-0.232	7.413	-0.299	7.471	-0.260	11.063	-0.299	11.083	-0.248	11.097	-0.147	11.110	-0.067
7.510	-0.213	7.545	-0.146	7.584	-0.044	7.619	-0.208	11.130	-0.025	11.144	-0.008	11.157	0.030	11.176	0.055
7.685	-0.387	7.717	-0.181	7.749	0.034	7.772	0.165	11.191	0.072	11.203	0.072	11.211	0.055	11.231	0.034
7.799	0.132	7.825	0.187	7.853	0.242	7.875	0.166	11.253	0.030	11.285	0.030	11.299	0.022	11.319	-0.020
7.889	-0.056	7.917	-0.249	7.939	-0.081	7.963	0.084	11.331	0.058	11.341	-0.087	11.354	-0.091	11.366	-0.062
7.976	0.239	7.990	0.038	8.008	-0.054	8.037	-0.218	11.385	0.043	11.400	0.178	11.415	0.308	11.428	0.393
8.057	-0.399	8.074	-0.310	8.091	-0.171	8.104	-0.036	11.440	0.431	11.459	0.427	11.469	0.439	11.487	0.300
8.116	0.054	8.131	0.141	8.148	0.065	8.163	0.011	11.507	0.132	11.519	0.071	11.531	-0.036	11.546	-0.082
8.176	-0.081	8.188	-0.123	8.205	-0.014	8.225	0.038	11.561	-0.040	11.585	0.019	11.608	0.085	11.630	0.086
8.245	0.134	8.263	0.054	8.277	-0.017	8.297	-0.054	11.640	0.091	11.654	0.066	11.676	-0.014	11.689	-0.132
8.317	0.043	8.323	0.085	8.340	0.199	8.345	0.274	11.703	-0.220	11.708	-0.267	11.716	-0.300	11.728	-0.313

11.743	-0.288	11.761	-0.212	11.771	-0.178	11.792	-0.144	15.131	0.167	15.147	0.088	15.166	0.003	15.181	-0.064
11.808	-0.178	11.829	-0.178	11.839	-0.161	11.864	-0.039	15.203	-0.123	15.218	-0.093	15.243	-0.064	15.258	-0.039
11.879	0.062	11.892	0.108	11.908	0.133	11.913	0.159	15.271	-0.060	15.285	-0.085	15.302	-0.135	15.322	-0.165
11.926	0.159	11.936	0.138	11.953	0.070	11.968	0.012	15.337	-0.177	15.353	-0.156	15.372	-0.123	15.390	-0.089
11.987	-0.035	11.998	0.003	12.018	0.134	12.025	0.209	15.407	-0.064	15.434	-0.030	15.452	-0.093	15.477	-0.156
12.034	0.264	12.045	0.306	12.054	0.327	12.067	0.302	15.497	-0.047	15.512	0.033	15.532	0.163	15.541	0.226
12.084	0.188	12.105	0.041	12.125	-0.042	12.140	-0.064	15.561	0.256	15.584	0.151	15.606	0.058	15.623	0.003
12.152	-0.047	12.171	-0.013	12.179	0.012	12.193	0.024	15.643	0.075	15.659	0.138	15.674	0.214	15.688	0.252
12.206	-0.001	12.228	-0.110	12.243	-0.215	12.257	-0.278	15.711	0.315	15.816	0.243	15.748	0.243	15.766	0.222
12.267	-0.299	12.275	-0.308	12.296	-0.266	12.311	-0.182	15.790	0.235	15.845	0.252	15.845	0.252	15.860	0.256
12.323	-0.323	12.333	-0.102	12.350	-0.089	12.360	-0.106	15.880	0.264	15.893	0.231	15.907	0.193	15.935	0.113
12.384	-0.161	12.401	-0.194	12.409	-0.190	12.424	-0.165	15.954	0.050	15.985	-0.001	16.000	0.016	16.019	0.033
12.448	-0.102	12.463	-0.047	12.477	-0.013	12.485	0.016	16.039	0.045	16.055	-0.001	16.076	-0.047	16.096	-0.102
12.494	0.016	12.504	-0.022	12.519	-0.072	12.534	-0.131	16.119	-0.114	16.138	-0.085	16.154	-0.047	16.174	-0.030
12.541	-0.177	12.556	-0.211	12.568	-0.215	12.587	-0.198	16.195	-0.076	16.216	-0.161	16.231	-0.215	16.247	-0.236
12.602	-0.156	12.611	-0.127	12.623	-0.114	12.634	-0.140	16.268	-0.232	16.288	-0.224	16.305	-0.232	16.325	-0.257
12.650	-0.186	12.662	-0.224	12.670	-0.245	12.689	-0.270	16.340	-0.266	16.349	-0.295	16.369	-0.316	16.384	-0.312
12.702	-0.232	12.714	-0.177	12.730	-0.081	12.738	-0.022	16.402	-0.287	16.414	-0.228	16.428	-0.194	16.444	-0.182
12.748	-0.012	12.757	0.029	12.769	0.041	12.777	0.029	16.466	-0.203	16.493	-0.240	16.518	-0.257	16.550	-0.266
12.793	-0.013	12.818	-0.093	12.837	-0.169	12.845	-0.198	16.575	-0.270	16.589	-0.283	16.599	-0.291	16.611	-0.299
12.857	-0.194	12.871	-0.165	12.886	-0.091	12.894	0.096	16.618	-0.295	16.636	-0.283	16.657	-0.203	16.672	-0.144
12.905	0.231	12.915	0.319	12.918	0.373	12.928	0.403	16.689	-0.089	16.701	-0.072	16.719	-0.084	16.745	-0.064
12.935	0.420	12.945	0.403	12.956	0.348	12.968	0.285	16.758	-0.026	16.836	-0.022	16.849	-0.047	16.809	-0.034
12.981	0.218	12.996	0.193	13.007	0.188	13.013	0.209	16.826	-0.062	16.949	-0.125	16.964	-0.146	16.981	0.130
13.030	0.252	13.042	0.294	13.049	0.331	13.063	0.352	16.882	-0.110	16.895	-0.114	16.907	-0.085	16.926	-0.001
13.075	0.373	13.088	0.357	13.112	0.340	13.132	0.327	16.936	0.062	17.024	0.045	17.039	0.020	17.063	0.041
13.146	0.285	13.159	0.231	13.166	0.180	13.185	0.092	17.002	0.079	17.119	0.125	17.148	0.176	17.173	0.197
13.190	0.062	13.200	0.062	13.225	0.096	13.237	0.168	17.090	0.075	17.119	0.125	17.148	0.176	17.173	0.197
13.254	0.218	13.271	0.201	13.302	0.168	13.319	0.159	17.187	0.184	17.214	0.151	17.229	0.130	17.245	0.130
13.339	0.151	13.363	0.164	13.376	0.181	13.402	0.193	17.255	0.151	17.270	0.180	17.287	0.210	17.302	0.222
13.415	0.202	13.427	0.160	13.444	0.118	13.458	0.071	17.321	0.248	17.343	0.269	17.364	0.290	17.370	0.298
13.469	0.055	13.483	0.093	13.503	0.168	13.517	0.219	17.384	0.147	17.399	0.290	17.427	0.240	17.454	0.181
13.525	0.257	13.530	0.282	13.546	0.295	13.558	0.278	17.467	0.147	17.486	0.139	17.505	0.147	17.515	0.172
13.576	0.219	13.598	0.139	13.618	0.097	13.630	0.085	17.530	0.189	17.541	0.202	17.554	0.215	17.568	0.194
13.654	0.110	13.678	0.123	13.691	0.140	13.705	0.098	17.583	0.156	17.606	0.072	17.625	0.000	17.642	-0.067
13.735	0.022	13.766	-0.062	13.796	-0.108	13.822	-0.129	17.657	-0.079	17.684	-0.058	17.706	-0.045	17.718	-0.062
13.854	-0.133	13.877	-0.133	13.901	-0.137	13.918	-0.179	17.735	-0.125	17.750	-0.205	17.763	-0.221	17.795	-0.230
13.932	-0.225	13.945	-0.258	13.957	-0.292	13.972	-0.300	17.814	-0.213	17.831	-0.183	17.849	-0.111	17.859	-0.052
13.991	-0.279	14.013	-0.262	14.036	-0.291	14.050	-0.316	17.878	-0.002	17.886	-0.040	17.907	0.062	17.918	0.045
14.070	-0.333	14.085	-0.291	14.101	-0.245	14.118	-0.211	17.940	-0.018	17.957	-0.060	17.981	-0.068	18.004	-0.026
14.133	-0.194	14.155	-0.236	14.175	-0.252	14.194	-0.235	18.031	0.092	18.047	0.164	18.068	0.231	18.082	0.277
14.212	-0.180	14.223	-0.121	14.238	-0.088	14.250	-0.066	18.095	0.286	18.122	0.269	18.147	0.207	18.165	0.156
14.263	-0.079	14.280	-0.087	14.304	-0.095	14.321	-0.099	18.194	0.064	18.216	0.014	18.239	-0.020	18.254	0.014
14.338	-0.095	14.355	-0.082	14.370	-0.069	14.392	-0.061	18.272	0.061	18.291	0.086	18.303	0.107	18.316	0.065
14.402	-0.077	14.412	-0.103	14.426	-0.128	14.443	-0.144	18.339	-0.023	18.361	-0.077	18.378	-0.065	18.406	-0.056
14.461	-0.119	14.473	-0.085	14.490	-0.043	14.505	-0.005	18.421	-0.034	18.440	-0.022	18.448	-0.051	18.456	-0.085
14.525	0.008	14.532	-0.013	14.547	-0.059	14.564	-0.105	18.473	-0.101	18.490	-0.097	18.501	-0.071	18.515	-0.029
14.573	-0.135	14.581	-0.130	14.593	-0.109	14.613	-0.012	18.523	-0.004	18.538	0.009	18.553	-0.008	18.575	-0.054
14.625	0.076	14.633	0.127	14.653	0.190	14.665	0.135	18.596	-0.108	18.609	-0.117	18.633	-0.095	18.643	-0.062
14.679	0.118	14.689	0.047	14.709	-0.012	14.724	-0.030	18.656	-0.149	18.672	-0.066	18.692	-0.078	18.699	-0.083
14.736	-0.012	14.749	0.014	14.764	0.052	14.776	0.085	18.715	-0.070	18.743	-0.061	18.753	-0.087	18.771	-0.112
14.791	0.107	14.801	0.128	14.820	0.115	14.835	0.086	18.797	-0.129	18.807	-0.108	18.837	-0.032	18.847	0.010
14.854	0.090	14.874	0.115	14.889	0.132	14.902	0.141	18.857	0.048	18.873	0.057	18.886	0.031	18.896	0.027
14.923	0.120	14.938	0.095	14.953	0.112	14.970	0.137	18.913	-0.112	18.925	-0.166	18.944	-0.179	18.955	-0.162
14.985	0.171	15.003	0.192	15.017	0.200	15.037	0.192	18.974	-0.116	18.986	-0.057	18.998	-0.023	19.018	0.006
15.064	0.180	15.079	0.168	15.099	0.193	15.116	0.201	19.043	-0.023	19.053	-0.094	19.062	-0.145	19.076	-0.166

19.094	-0.178	19.118	-0.145	19.135	-0.069	19.149	0.002	24.097	0.039	24.121	0.064	24.136	0.022	24.170	-0.041
19.156	0.053	19.173	0.082	19.199	0.036	19.216	-0.061	24.191	-0.083	24.209	-0.108	24.250	-0.103	24.279	-0.091
19.233	-0.154	19.253	-0.188	19.279	-0.150	19.299	-0.066	24.303	-0.078	24.334	-0.069	24.351	-0.086	24.373	-0.145
19.322	-0.020	19.337	-0.032	19.368	-0.066	19.383	-0.071	24.387	-0.166	24.407	-0.174	24.430	-0.145	24.467	-0.077
19.395	-0.050	19.407	-0.016	19.424	-0.001	19.443	-0.005	24.484	-0.052	24.500	-0.035	24.523	-0.022	24.546	-0.031
19.457	-0.025	19.477	-0.042	19.498	-0.063	19.523	-0.080	24.574	-0.052	24.605	-0.056	24.617	-0.026	24.634	-0.001
19.540	-0.063	19.568	-0.030	19.602	0.029	19.622	0.050	24.652	0.024	24.666	0.037	24.689	0.029	24.726	0.020
19.634	0.062	19.648	0.037	19.675	0.029	19.692	0.045	24.759	0.033	24.794	0.033	24.814	0.041	24.845	0.033
19.706	0.087	19.729	0.112	19.751	0.112	19.780	0.108	24.863	0.037	24.892	0.041	24.924	0.041	24.953	0.045
19.797	0.108	19.811	0.125	19.835	0.183	19.855	0.225	24.985	0.041	25.005	0.050	25.019	0.045	25.039	0.033
19.872	0.242	19.893	0.251	19.908	0.234	19.923	0.213	25.051	0.020	25.078	0.037	25.093	0.045	25.113	0.054
19.942	0.187	19.956	0.179	19.969	0.212	19.984	0.259	25.127	0.041	25.145	0.024	25.159	0.008	25.169	0.012
19.996	0.292	20.008	0.317	20.022	0.321	20.037	0.300	25.189	0.024	25.208	0.033	25.221	0.041	25.240	0.033
20.056	0.199	20.071	0.094	20.088	0.002	20.100	-0.024	25.272	-0.001	25.289	-0.009	25.304	-0.018	25.323	-0.009
20.113	-0.032	20.120	-0.007	20.139	0.022	20.149	0.048	25.355	-0.001	25.370	0.003	25.395	-0.010	25.421	-0.022
20.166	0.052	20.179	0.022	20.201	-0.036	20.227	-0.124	25.444	-0.006	25.461	-0.001	25.478	-0.001	25.502	-0.014
20.254	-0.145	20.281	-0.132	20.294	-0.107	20.322	-0.065	25.514	-0.002	25.541	0.007	25.561	0.028	25.586	0.028
20.337	-0.086	20.386	-0.144	20.408	-0.157	20.421	-0.094	25.602	0.036	25.624	0.023	25.652	-0.014	25.674	-0.052
20.438	-0.056	20.470	-0.001	20.482	0.016	20.499	0.012	25.686	-0.037	25.703	-0.040	25.720	-0.015	25.740	0.010
20.525	0.025	20.545	0.050	20.570	0.114	20.601	0.223	25.762	0.027	25.786	0.010	25.811	-0.024	25.832	-0.037
20.619	0.287	20.633	0.312	20.648	0.329	20.663	0.308	25.859	-0.033	25.884	-0.025	25.904	-0.042	25.930	-0.067
20.679	0.254	20.701	0.178	20.721	0.120	20.743	0.128	25.960	-0.055	25.981	-0.021	25.992	0.008	26.021	0.020
20.775	0.146	20.807	0.175	20.831	0.146	20.848	0.088	26.038	-0.009	26.060	-0.056	26.080	-0.094	26.106	-0.077
20.870	0.058	20.897	0.067	20.929	0.072	20.939	0.059	26.126	-0.048	26.143	-0.014	26.161	0.023	26.186	0.036
20.983	-0.054	21.015	-0.108	21.046	-0.150	21.073	-0.187	26.215	0.040	26.252	0.052	26.269	0.056	26.296	0.047
21.098	-0.212	21.128	-0.199	21.172	-0.178	21.201	-0.149	26.323	0.030	26.355	0.022	26.373	0.009	26.399	0.026
21.229	-0.124	21.256	-0.140	21.273	-0.166	21.288	-0.191	26.419	0.046	26.429	0.088	26.443	0.109	26.456	0.134
21.307	-0.195	21.327	-0.149	21.340	-0.115	21.357	-0.082	26.470	0.139	26.486	0.088	26.503	0.046	26.523	-0.009
21.382	-0.069	21.396	-0.082	21.430	-0.153	21.468	-0.187	26.544	-0.014	26.571	-0.001	26.598	-0.006	26.635	-0.014
21.495	-0.149	21.512	-0.103	21.527	-0.082	21.549	-0.073	26.672	-0.002	26.692	-0.006	26.726	-0.027	26.755	-0.044
21.576	-0.073	21.605	-0.082	21.637	-0.107	21.660	-0.158	26.785	-0.061	26.804	-0.061	26.823	-0.053	26.855	-0.036
21.676	-0.183	21.699	-0.192	21.718	-0.150	21.740	-0.074	26.875	-0.007	26.894	0.027	26.916	0.035	26.939	0.040
21.753	-0.033	21.772	-0.003	21.799	-0.020	21.824	-0.037	26.965	0.048	26.981	0.060	26.998	0.052	27.010	0.035
21.848	-0.046	21.880	-0.025	21.920	-0.005	21.935	0.042	27.032	0.018	27.047	0.006	27.068	0.018	27.086	0.027
21.957	0.079	21.983	0.092	22.011	0.112	22.036	0.121	27.112	-0.024	27.126	-0.062	27.146	-0.078	27.163	-0.062
22.062	0.104	22.091	0.066	22.125	0.032	22.145	0.053	27.180	0.002	27.204	0.035	27.219	0.056	27.233	0.035
22.172	0.095	22.191	0.125	22.211	0.146	22.228	0.116	27.263	0.015	27.285	-0.011	27.314	0.011	27.333	0.032
22.265	0.062	22.284	0.049	22.308	0.066	22.323	0.087	27.350	0.044	27.367	0.015	27.388	-0.023	27.406	-0.044
22.348	0.104	22.374	0.100	22.402	0.058	22.431	0.037	27.425	-0.018	27.440	0.024	27.454	0.053	27.459	0.083
22.457	0.066	22.479	0.096	22.496	0.108	22.506	0.083	27.474	0.087	27.488	0.066	27.512	0.016	27.529	-0.022
22.536	-0.018	22.552	-0.085	22.567	-0.106	22.587	-0.068	27.544	-0.047	27.566	-0.039	27.585	-0.018	27.597	-0.005
22.613	-0.018	22.630	0.003	22.655	-0.034	22.687	-0.085	27.615	-0.001	27.627	-0.013	27.649	-0.026	27.666	-0.047
22.738	-0.072	22.783	-0.076	22.813	-0.072	22.847	-0.076	27.685	-0.026	27.700	-0.009	27.717	0.004	27.732	0.008
22.873	-0.080	22.908	-0.067	22.927	-0.071	22.962	-0.075	27.746	-0.009	27.768	-0.017	27.778	-0.021	27.787	-0.008
22.995	-0.054	23.032	-0.020	23.052	0.013	23.078	0.030	27.800	0.004	27.821	0.000	27.839	0.004	27.855	-0.012
23.100	0.035	23.138	0.035	23.158	0.039	23.186	0.077	27.870	-0.017	27.882	-0.029	27.902	-0.029	27.928	-0.016
23.213	0.098	23.245	0.115	23.268	0.128	23.298	0.119	27.945	0.001	27.960	0.026	27.970	0.034	27.985	0.039
23.329	0.094	23.350	0.069	23.375	0.061	23.406	0.073	27.999	0.022	28.031	-0.007	28.058	-0.024	28.080	-0.003
23.427	0.099	23.444	0.115	23.464	0.120	23.486	0.099	28.097	0.014	28.113	0.027	28.133	0.018	28.152	0.014
23.502	0.073	23.520	0.069	23.546	0.078	23.567	0.078	28.172	0.027	28.184	0.035	28.199	0.027	28.221	0.010
23.587	0.087	23.610	0.057	23.634	0.053	23.649	0.070	28.248	-0.027	28.264	-0.040	28.294	-0.022	28.323	0.020
23.675	0.082	23.690	0.066	23.725	0.032	23.740	-0.001	28.347	-0.050	28.365	-0.037	28.391	0.021	28.410	0.021
23.755	-0.009	23.783	0.003	23.807	0.025	23.821	0.037	28.437	0.042	28.469	0.068	28.496	0.085	28.515	0.094
23.850	0.042	23.867	0.029	23.889	0.017	23.908	0.008	28.530	0.106	28.550	0.077	28.574	0.048	28.594	0.031
23.944	0.004	23.965	0.025	23.984	0.038	23.999	0.051	28.617	0.044	28.635	0.037	28.674	0.032	28.708	0.020
24.020	0.022	24.037	-0.012	24.054	-0.020	24.081	-0.003	28.742	0.016	28.778	0.028	28.802	0.041	28.825	0.037

28.841	0.025	28.858	0.016	28.881	0.033	28.905	0.042	32.994	-0.134	33.013	-0.113	33.028	-0.087	33.042	-0.069
28.946	0.025	28.992	0.005	29.038	-0.008	29.072	-0.012	33.055	-0.045	33.075	-0.024	33.089	-0.053	33.101	-0.074
29.099	-0.020	29.118	-0.007	29.150	-0.007	29.166	-0.024	33.119	-0.087	33.134	-0.061	33.155	-0.023	33.167	0.019
29.186	-0.045	29.207	-0.091	29.220	-0.116	29.242	-0.133	33.182	0.061	33.197	0.082	33.214	0.065	33.229	0.028
29.266	-0.112	29.287	-0.074	29.295	-0.036	29.317	-0.010	33.244	-0.002	33.261	-0.056	33.275	-0.069	33.295	-0.077
29.336	-0.036	29.352	-0.073	29.363	-0.120	29.372	-0.141	33.312	-0.064	33.330	-0.047	33.352	-0.026	33.371	-0.009
29.384	-0.149	29.416	-0.115	29.427	-0.086	29.447	-0.073	33.391	-0.013	33.403	-0.030	33.432	-0.043	33.444	-0.064
29.461	-0.102	29.478	-0.111	29.493	-0.115	29.512	-0.098	33.464	-0.068	33.484	-0.051	33.498	-0.030	33.511	-0.008
29.534	-0.052	29.555	0.003	29.577	0.024	29.594	0.020	33.528	0.008	33.547	0.013	33.560	-0.012	33.572	-0.029
29.621	0.003	29.652	-0.001	29.683	0.021	29.712	0.055	33.586	-0.042	33.603	-0.050	33.614	-0.025	33.628	0.000
29.733	0.071	29.752	0.080	29.781	0.076	29.815	0.072	33.638	0.030	33.654	0.059	33.667	0.080	33.681	0.059
29.841	0.093	29.870	0.119	29.894	0.140	29.894	0.157	33.694	0.029	33.704	0.004	33.715	-0.017	33.732	-0.038
29.913	0.119	29.925	0.081	29.945	0.022	29.957	0.014	33.743	-0.013	33.757	0.029	33.771	0.050	33.783	0.076
29.980	0.039	30.005	0.073	30.016	0.090	30.040	0.107	33.781	0.010	33.816	0.080	33.881	0.016	33.961	0.092
30.067	0.082	30.088	0.053	30.103	0.011	30.123	0.002	33.800	0.101	33.847	-0.005	34.394	0.003	34.457	-0.023
30.152	0.011	30.171	0.024	30.199	0.015	30.217	-0.002	34.020	0.033	34.047	-0.005	34.673	-0.071	34.768	0.029
30.240	-0.014	30.260	-0.010	30.282	-0.001	30.308	0.015	34.540	0.002	34.608	-0.028	34.839	-0.007	34.937	0.065
30.317	0.024	30.332	0.045	30.354	0.015	30.370	-0.010	34.812	-0.022	34.839	-0.060	34.893	0.007	35.111	-0.003
30.383	-0.048	30.392	-0.052	30.417	-0.031	30.440	-0.014	34.965	0.006	35.002	-0.036	35.063	0.035	35.126	0.022
30.460	-0.005	30.494	-0.014	30.529	-0.022	30.558	-0.026	35.163	0.031	35.192	0.064	35.256	0.006	35.326	0.007
30.590	-0.030	30.624	-0.018	30.665	-0.022	30.709	-0.026	35.389	-0.015	35.433	-0.028	35.514	0.006	35.606	-0.007
30.750	-0.022	30.781	-0.038	30.801	-0.068	30.822	-0.084	35.687	0.018	35.755	-0.037	35.852	0.043	35.912	-0.020
30.840	-0.093	30.863	-0.080	30.881	-0.063	30.890	-0.034	35.972	-0.067	36.023	-0.033	36.080	-0.067	36.139	-0.038
30.909	-0.009	30.924	0.004	30.939	0.008	30.951	-0.025	36.207	-0.067	36.288	0.042	36.352	-0.029	36.414	-0.029
30.968	-0.055	30.983	-0.067	31.006	-0.038	31.023	-0.017	36.481	-0.068	36.545	0.026	36.598	-0.004	36.668	0.030
31.043	0.025	31.058	-0.012	31.074	-0.054	31.087	-0.092	36.716	0.064	36.776	0.030	36.840	0.089	36.919	0.051
31.102	-0.118	31.114	-0.122	31.128	-0.097	31.136	-0.012	36.996	0.026	37.046	-0.039	37.165	-0.013	37.202	-0.004
31.168	0.017	31.175	0.038	31.187	0.055	31.199	0.063	37.266	0.016	37.342	-0.089	37.426	-0.010	37.484	-0.061
31.211	0.042	31.253	-0.013	31.268	-0.021	31.288	-0.000	37.555	0.006	37.629	-0.045	37.715	0.001	37.799	-0.049
31.309	0.034	31.332	0.046	31.358	0.034	31.375	0.025	37.889	-0.007	37.954	-0.032	38.039	0.027	38.117	-0.024
31.390	0.043	31.405	0.050	31.429	0.084	31.444	0.117	38.198	0.040	38.268	0.002	38.357	0.011	38.438	-0.035
31.464	0.084	31.491	0.059	31.520	0.033	31.544	0.046	38.538	0.008	38.656	-0.021	38.792	0.030	38.938	-0.008
31.567	0.042	31.584	0.054	31.587	0.054	31.591	0.058	39.086	0.022	39.198	-0.058	39.295	-0.030	39.433	0.001
31.596	0.057	31.599	0.062	31.602	0.062	31.607	0.066	39.483	-0.020	39.580	0.035	39.636	-0.008	39.705	0.030
31.611	0.066	31.616	0.070	31.638	0.095	31.655	0.119	39.780	-0.021	39.878	0.016	39.950	-0.027	40.038	0.006
31.673	0.110	31.690	0.105	31.703	0.063	31.718	0.045	40.103	0.014	40.179	-0.023	40.244	-0.002	40.292	-0.015
31.737	0.057	31.752	0.090	31.767	0.098	31.789	0.080	40.349	0.040	40.416	-0.056	40.492	0.037	40.561	-0.047
31.812	0.058	31.826	0.015	31.844	-0.011	31.861	-0.011	40.662	0.025	40.736	-0.012	40.809	0.023	40.874	-0.044
31.878	-0.012	31.901	-0.004	31.925	0.016	31.940	0.041	40.940	0.012	41.000	-0.021	41.061	0.025	41.116	-0.021
31.962	0.057	31.980	0.057	32.000	0.048	32.019	0.036	41.189	0.000	41.289	-0.017	41.405	0.013	41.470	-0.025
32.032	0.006	32.068	-0.006	32.088	-0.052	32.088	-0.069	41.534	0.017	41.589	-0.013	41.672	0.020	41.718	0.007
32.110	-0.052	32.127	-0.009	32.140	0.025	32.155	0.063	41.793	0.032	41.878	0.010	41.960	0.043	42.031	0.005
32.169	0.042	32.186	0.021	32.203	-0.004	32.216	-0.033	42.106	0.038	42.170	0.004	42.241	0.033	42.308	-0.005
32.235	-0.024	32.257	0.006	32.278	0.031	32.292	0.036	42.378	0.024	42.482	-0.001	42.559	0.002	42.614	-0.014
32.312	0.049	32.332	0.057	32.351	0.058	32.363	0.045	42.694	0.011	42.769	-0.022	42.840	0.016	42.922	0.004
32.378	0.097	32.393	0.046	32.410	0.063	32.423	0.080	43.021	0.013	43.086	-0.004	43.173	0.004	43.227	0.004
32.440	0.056	32.456	0.027	32.471	0.094	32.484	0.073	43.270	0.026	43.338	-0.017	43.403	0.009	43.463	-0.050
32.494	0.036	32.506	0.027	32.518	-0.007	32.528	-0.023	43.541	0.000	43.611	-0.042	43.713	-0.017	43.801	-0.034
32.538	-0.036	32.552	-0.056	32.567	-0.035	32.587	-0.014	43.965	-0.022	44.128	0.016	44.253	0.024	44.352	0.037
32.597	0.007	32.614	0.016	32.628	0.016	32.636	-0.013	44.486	0.041	44.599	0.045	44.706	0.024	44.759	0.032
32.648	-0.017	32.661	-0.051	32.672	-0.067	32.682	-0.088	44.806	0.062	44.865	0.020	44.920	-0.014	45.016	0.036
32.695	-0.067	32.714	-0.033	32.727	-0.008	32.737	0.014	45.101	-0.010	45.174	0.010	45.235	0.019	45.293	0.001
32.753	0.047	32.764	0.060	32.778	0.052	32.797	0.027	45.356	0.010	45.427	-0.033	45.525	-0.021	45.602	-0.012
32.808	-0.002	32.827	-0.031	32.839	-0.073	32.857	-0.090	45.663	-0.017	45.756	0.004	45.812	-0.008	45.897	0.009
32.878	-0.090	32.895	-0.060	32.913	-0.043	32.930	-0.021	45.965	-0.008	46.069	0.000	46.123	-0.012	46.215	0.021
32.944	-0.051	32.959	-0.084	32.967	-0.109	32.981	-0.126	46.271	-0.004	46.357	0.029	46.413	0.021	46.499	0.037
								46.597	0.033	46.690	0.019	46.724	0.019	46.823	0.010

46.934	0.013	47.015	0.004	47.103	-0.030	47.246	-0.023	63.135	0.005	63.216	0.017	63.298	-0.009	63.360	0.003
47.342	-0.023	47.427	-0.015	47.500	-0.019	47.576	-0.007	63.439	-0.018	63.504	-0.006	63.584	-0.007	63.682	-0.008
47.643	-0.007	47.745	0.005	47.840	0.009	47.907	-0.004	63.757	-0.012	63.842	-0.008	63.905	-0.000	63.968	0.016
47.978	-0.004	48.083	0.013	48.190	0.004	48.332	0.004	64.017	0.020						
48.415	-0.005	48.494	-0.001	48.557	-0.001	48.643	0.007								
48.737	-0.022	48.843	-0.006	48.913	-0.027	49.008	-0.015								
49.079	0.014	49.139	0.005	49.208	0.030	49.291	0.021								
49.355	0.017	49.406	0.008	49.467	0.038	49.515	0.008								
49.573	0.016	49.624	0.004	49.699	0.034	49.752	0.030								
49.786	0.030	49.842	0.009	49.922	0.010	49.970	0.003								
50.019	0.010	50.058	-0.015	50.155	0.019	50.212	-0.010								
50.278	-0.010	50.326	-0.023	50.395	0.007	50.457	-0.023								
50.526	0.002	50.583	-0.006	50.640	0.010	50.679	-0.003								
50.734	0.005	50.801	-0.008	50.858	0.008	50.914	-0.005								
50.986	0.011	51.040	0.023	51.114	0.006	51.221	0.015								
51.282	0.019	51.355	0.019	51.400	0.019	51.456	0.037								
51.504	0.007	51.570	0.008	51.636	0.004	51.709	0.005								
51.773	-0.003	51.842	0.010	51.903	0.003	51.964	-0.014								
52.030	0.012	52.110	-0.004	52.188	0.008	52.236	-0.004								
52.304	0.004	52.364	-0.009	52.408	0.008	52.466	-0.009								
52.523	0.029	52.577	0.008	52.661	-0.006	52.742	-0.011								
52.815	-0.033	52.892	-0.004	52.960	-0.034	53.042	0.007								
53.129	-0.002	53.242	-0.012	53.304	-0.000	53.356	-0.001								
53.449	0.002	53.533	0.009	53.638	0.013	53.744	0.012								
53.840	0.011	53.956	0.011	54.050	0.002	54.121	0.010								
54.156	0.010	54.250	0.035	54.314	-0.008	54.399	0.034								
54.474	0.009	54.545	0.026	54.603	0.009	54.670	0.033								
54.730	-0.005	54.803	0.032	54.893	0.006	54.994	-0.003								
55.061	0.001	55.121	0.013	55.176	-0.009	55.333	0.018								
55.365	-0.001	55.419	-0.013	55.487	0.007	55.543	-0.002								
55.595	-0.011	55.666	0.021	55.736	-0.039	55.815	0.010								
55.866	-0.024	55.938	0.008	56.032	-0.018	56.120	0.018								
56.178	-0.020	56.246	0.025	56.347	-0.009	56.461	0.003								
56.533	0.002	56.590	0.018	56.658	-0.015	56.733	0.014								
56.796	-0.024	56.862	0.010	56.965	0.010	57.048	0.027								
57.094	-0.023	57.169	0.023	57.239	-0.027	57.312	0.011								
57.371	-0.006	57.458	0.011	57.521	0.007	57.584	0.015								
57.640	-0.019	57.691	0.019	57.754	-0.023	57.825	0.007								
57.902	-0.010	57.980	-0.022	58.046	-0.018	58.109	-0.022								
58.165	-0.021	58.209	-0.012	58.262	0.005	58.304	-0.003								
58.340	0.002	58.394	-0.010	58.479	-0.020	58.523	-0.001								
58.589	-0.004	58.667	-0.004	58.726	-0.020	58.797	0.010								
58.871	-0.015	58.954	0.015	59.015	0.011	59.089	0.050								
59.169	0.028	59.262	0.036	59.348	0.022	59.438	0.030								
59.514	0.030	59.584	0.016	59.660	0.032	59.721	0.031								
59.774	0.009	59.855	0.042	59.930	0.020	59.997	0.036								
60.077	0.018	60.200	0.020	60.271	0.003	60.361	0.010								
60.415	0.005	60.503	0.013	60.567	0.004	60.657	0.036								
60.719	0.006	60.782	0.018	60.868	0.008	60.965	0.023								
61.031	0.010	61.114	0.017	61.202	0.003	61.282	0.018								
61.366	-0.001	61.441	-0.007	61.512	0.026	61.587	-0.010								
61.670	0.018	61.744	-0.008	61.825	-0.001	61.883	-0.023								
61.979	-0.024	62.062	-0.025	62.121	-0.005	62.171	-0.022								
62.241	-0.009	62.313	0.016	62.380	0.024	62.455	0.007								
62.516	0.007	62.579	0.019	62.653	0.015	62.734	0.036								
62.801	0.002	62.875	0.014	62.956	-0.015	63.045	0.018								

4.313	0.927	4.325	0.856	4.332	0.801	4.339	0.717	6.609	-0.852	6.621	-0.899	6.638	-0.887	6.650	-0.933
4.342	0.646	4.349	0.575	4.354	0.487	4.363	0.407	6.679	-0.975	6.709	-0.996	6.747	-0.987	6.772	-1.011
4.374	0.344	4.382	0.344	4.396	0.373	4.405	0.407	6.802	-0.955	6.826	-0.936	6.843	-0.735	6.860	-0.650
4.415	0.461	4.420	0.575	4.429	0.658	4.436	0.759	6.876	-0.574	6.897	-0.510	6.916	-0.460	6.938	-0.401
4.443	0.856	4.452	0.960	4.460	1.082	4.471	1.195	6.964	-0.341	6.985	-0.244	6.998	-0.160	7.014	-0.051
4.476	1.334	4.481	1.447	4.490	1.581	4.500	1.694	7.048	0.050	7.074	0.095	7.098	0.137	7.120	0.176
4.506	1.761	4.514	1.820	4.521	1.891	4.539	2.034	7.119	0.212	7.133	0.300	7.150	0.459	7.165	0.584
4.561	2.042	4.572	2.012	4.577	1.949	4.586	1.886	7.179	0.735	7.188	0.899	7.198	1.041	7.200	1.176
4.593	1.823	4.601	1.743	4.610	1.638	4.620	1.508	7.207	1.337	7.215	1.499	7.227	1.658	7.238	1.780
4.626	1.391	4.638	1.239	4.641	1.113	4.653	0.958	7.245	1.893	7.248	2.019	7.258	2.120	7.269	2.237
4.664	0.836	4.674	0.668	4.681	0.513	4.693	0.362	7.283	2.296	7.296	2.437	7.308	2.418	7.322	2.439
4.697	0.122	4.709	-0.025	4.716	-0.167	4.723	-0.297	7.333	2.380	7.339	2.496	7.358	2.216	7.370	2.149
4.735	-0.436	4.744	-0.562	4.758	-0.684	4.767	-0.801	7.379	2.086	7.389	1.993	7.401	1.892	7.407	1.783
4.774	-0.885	4.786	-1.011	4.791	-1.108	4.801	-1.225	7.420	1.649	7.429	1.439	7.445	1.255	7.455	1.095
4.815	-1.326	4.828	-1.389	4.838	-1.439	4.854	-1.396	7.470	0.940	7.489	0.814	7.517	0.773	7.532	0.731
4.866	-1.346	4.881	-1.207	4.888	-1.031	4.918	-0.803	7.557	0.698	7.575	0.639	7.591	0.543	7.607	0.442
4.897	-1.043	4.902	-0.976	4.913	-0.896	4.948	-0.568	7.624	0.358	7.645	0.262	7.655	0.254	7.689	0.284
4.925	-0.715	4.934	-0.618	4.948	-0.568	4.965	-0.559	7.731	0.330	7.743	0.347	7.769	0.259	7.784	0.146
4.975	-0.550	4.995	-0.596	5.007	-0.659	5.014	-0.726	7.798	0.033	7.812	-0.110	7.828	-0.333	7.840	-0.505
5.022	-0.789	5.033	-0.851	5.042	-0.927	5.050	-1.036	7.860	-0.731	7.881	-0.916	7.895	-1.084	7.917	-1.298
5.059	-1.132	5.064	-1.233	5.073	-1.346	5.080	-1.438	7.936	-1.403	7.957	-1.508	7.974	-1.588	8.007	-1.727
5.088	-1.530	5.101	-1.614	5.113	-1.710	5.120	-1.790	8.033	-1.610	8.049	-1.517	8.057	-1.421	8.069	-1.303
5.125	-1.869	5.134	-1.961	5.147	-1.991	5.156	-1.936	8.090	-1.202	8.097	-1.144	8.116	-1.034	8.132	-0.887
5.168	-1.873	5.173	-1.797	5.182	-1.725	5.187	-1.641	8.165	-0.904	8.198	-0.850	8.231	-0.862	8.258	-0.812
5.191	-1.557	5.196	-1.473	5.203	-1.402	5.208	-1.313	8.272	-0.782	8.274	-0.778	8.284	-0.766	8.293	-0.698
5.210	-1.258	5.215	-1.154	5.222	-1.082	5.229	-1.019	8.309	-0.614	8.335	-0.446	8.361	-0.312	8.383	-0.191
5.236	-0.918	5.243	-0.830	5.250	-0.767	5.253	-0.695	8.406	-0.073	8.423	0.023	8.442	0.144	8.463	0.304
5.263	-0.632	5.274	-0.573	5.293	-0.543	5.314	-0.513	8.477	0.455	8.494	0.593	8.515	0.723	8.527	0.819
5.327	-0.492	5.340	-0.450	5.347	-0.387	5.353	-0.307	8.548	0.878	8.567	0.928	8.595	0.937	8.610	0.953
5.360	-0.214	5.364	-0.126	5.371	-0.033	5.381	0.034	8.633	0.939	8.657	1.117	8.680	1.259	8.696	1.373
5.392	0.089	5.404	0.114	5.424	0.107	5.440	0.073	8.710	1.474	8.724	1.685	8.743	1.680	8.767	1.785
5.454	0.027	5.468	-0.018	5.488	-0.076	5.506	-0.013	8.784	1.903	8.812	1.996	8.823	2.055	8.851	2.127
5.514	0.267	5.527	0.131	5.535	0.219	5.544	0.320	8.868	2.080	8.889	1.947	8.901	1.830	8.912	1.700
5.556	0.446	5.565	0.589	5.575	0.716	5.577	0.842	8.927	1.511	8.945	1.251	8.965	1.042	8.976	0.823
5.597	0.943	5.608	1.061	5.618	1.187	5.638	1.314	8.995	0.605	9.019	0.404	9.044	0.324	9.065	0.257
5.645	1.432	5.661	1.516	5.681	1.584	5.705	1.630	9.091	0.220	9.119	0.266	9.139	0.304	9.158	0.280
5.733	1.617	5.743	1.562	5.762	1.478	5.771	1.369	9.181	0.217	9.197	0.142	9.217	-0.013	9.242	-0.189
5.788	1.217	5.801	1.016	5.815	0.785	5.825	0.604	9.252	-0.357	9.273	-0.541	9.296	-0.784	9.311	-0.931
5.836	0.457	5.849	0.310	5.858	0.205	5.867	0.117	9.334	-1.030	9.344	-1.254	9.360	-1.404	9.377	-1.522
5.873	0.070	5.885	0.053	5.904	0.098	5.923	0.176	9.398	-1.550	9.433	-1.577	9.447	-1.510	9.473	-1.451
5.935	0.247	5.940	0.335	5.949	0.406	5.957	0.515	9.509	-1.426	9.535	-1.405	9.558	-1.435	9.572	-1.447
5.968	0.615	5.975	0.711	5.983	0.795	6.000	0.873	9.589	-1.443	9.606	-1.481	9.625	-1.510	9.644	-1.540
6.007	0.928	6.021	0.969	6.031	0.981	6.045	0.918	9.682	-1.577	9.708	-1.475	9.734	-1.353	9.755	-1.192
6.054	0.838	6.066	0.770	6.078	0.685	6.086	0.601	9.776	-1.019	9.807	-0.854	9.811	-0.623	9.837	-0.421
6.133	0.007	6.146	-0.170	6.153	-0.380	6.165	-0.578	9.863	-0.248	9.888	-0.088	9.927	0.035	9.977	0.217
6.176	-0.716	6.186	-0.834	6.196	-0.936	6.208	-1.028	10.006	0.382	10.032	0.525	10.056	0.707	10.088	0.859
6.220	-1.062	6.229	-1.095	6.241	-1.124	6.258	-1.128	10.140	0.975	10.142	1.038	10.157	1.089	10.182	1.148
6.270	-1.073	6.291	-1.001	6.303	-0.930	6.318	-0.850	10.199	1.236	10.229	1.273	10.255	1.323	10.279	1.365
6.328	-0.757	6.335	-0.635	6.344	-0.530	6.351	-0.446	10.286	1.385	10.307	1.377	10.328	1.364	10.347	1.314
6.359	-0.361	6.365	-0.277	6.375	-0.201	6.389	-0.184	10.361	1.251	10.363	1.247	10.382	1.113	10.404	1.046
6.402	-0.229	6.420	-0.317	6.428	-0.405	6.440	-0.493	10.420	0.935	10.449	0.903	10.470	0.920	10.488	0.707
6.449	-0.627	6.454	-0.724	6.462	-0.795	6.469	-0.887	10.509	0.577	10.529	0.456	10.549	0.368	10.561	0.326
6.476	-0.959	6.483	-1.013	6.490	-1.072	6.497	-1.127	10.588	0.293	10.616	0.255	10.640	0.217	10.659	0.141
6.516	-1.160	6.523	-1.114	6.531	-1.056	6.543	-0.960	10.679	0.073	10.705	-0.108	10.722	-0.264	10.743	-0.408
6.559	-0.901	6.572	-0.864	6.579	-0.826	6.593	-0.806	10.755	-0.538	10.765	-0.665	10.776	-0.778	10.784	-0.892
								10.796	-1.002	10.803	-1.077	10.814	-1.162	10.827	-1.250

10.845	-1.306	10.867	-1.260	10.888	-1.194	10.911	-1.127	14.787	2.069	14.799	2.115	14.815	2.140	14.841	2.073
10.924	-1.073	10.938	-1.010	10.964	-0.985	10.978	-0.923	14.855	2.005	14.868	1.913	14.886	1.812	14.905	1.711
11.001	-0.919	11.014	-0.911	11.037	-0.937	11.061	-0.996	14.922	1.634	15.001	1.510	14.957	1.426	14.972	1.334
11.075	-1.047	11.090	-1.101	11.113	-1.198	11.130	-1.283	14.991	1.234	15.002	1.125	15.015	1.028	15.040	0.861
11.138	-1.308	11.143	-1.325	11.155	-1.321	11.162	-1.304	15.053	0.743	15.064	0.634	15.085	0.467	15.102	0.362
11.174	-1.271	11.191	-1.200	11.197	-1.137	11.217	-1.028	15.116	0.218	15.126	0.182	15.140	0.098	15.160	0.048
11.234	-0.881	11.240	-0.697	11.279	-0.546	11.303	-0.403	15.171	-0.124	15.186	-0.199	15.200	-0.287	15.219	-0.375
11.323	-0.820	11.342	-0.176	11.356	-0.109	11.364	-0.054	15.233	-0.504	15.248	-0.609	15.266	-0.693	15.285	-0.818
11.380	0.001	11.393	0.031	11.405	0.056	11.414	0.077	15.310	-0.978	15.326	-1.087	15.340	-1.171	15.353	-1.281
11.426	0.086	11.450	0.078	11.467	0.049	11.486	0.011	15.376	-1.394	15.391	-1.520	15.405	-1.625	15.421	-1.701
11.498	-0.006	11.508	0.003	11.525	0.020	11.541	0.058	15.433	-1.789	15.447	-1.844	15.460	-1.899	15.476	-1.911
11.553	0.100	11.566	0.172	11.580	0.281	11.590	0.412	15.493	-1.958	15.505	-1.970	15.526	-1.946	15.555	-1.892
11.607	0.588	11.628	0.836	11.645	1.126	11.670	1.421	15.572	-1.837	15.593	-1.783	15.612	-1.704	15.624	-1.662
11.680	1.538	11.699	1.711	11.711	1.837	11.723	1.887	15.646	-1.603	15.667	-1.536	15.682	-1.465	15.698	-1.406
11.733	1.916	11.740	1.942	11.748	1.942	11.753	1.942	15.715	-1.343	15.732	-1.284	15.750	-1.217	15.768	-1.141
11.765	1.933	11.786	1.887	11.818	1.757	11.839	1.648	15.781	-1.086	15.798	-0.998	15.815	-0.910	15.832	-0.796
11.862	1.497	11.879	1.400	11.896	1.320	11.910	1.257	15.848	-0.674	15.863	-0.569	15.884	-0.421	15.908	-0.278
11.924	1.224	11.941	1.198	11.954	1.177	11.971	1.156	15.937	-0.092	15.958	-0.059	15.978	0.152	15.990	0.253
12.038	0.979	12.053	0.857	12.070	0.726	12.090	0.549	16.008	0.342	16.025	0.443	16.033	0.523	16.047	0.591
12.104	0.402	12.124	0.226	12.141	0.057	12.162	-0.165	16.061	0.666	16.076	0.726	16.090	0.768	16.111	0.819
12.182	-0.317	12.196	-0.409	12.213	-0.540	12.228	-0.611	16.137	0.841	16.156	0.887	16.170	0.934	16.186	0.997
12.242	-0.683	12.257	-0.721	12.281	-0.767	12.295	-0.800	16.201	1.061	16.215	1.095	16.229	1.142	16.248	1.197
12.308	-0.830	12.325	-0.863	12.341	-0.889	12.356	-0.893	16.264	1.438	16.278	1.303	16.290	1.341	16.309	1.383
12.428	-0.842	12.439	-0.838	12.460	-0.847	12.472	-0.872	16.325	1.438	16.340	1.477	16.359	1.490	16.378	1.465
12.494	-0.956	12.509	-1.053	12.521	-1.112	12.535	-1.141	16.396	1.444	16.415	1.419	16.434	1.343	16.443	1.251
12.549	-1.196	12.560	-1.250	12.571	-1.259	12.595	-1.242	16.462	1.184	16.497	0.959	16.521	0.819	16.549	0.639
12.610	-1.196	12.629	-1.129	12.644	-1.049	12.663	-0.944	16.573	0.542	16.596	0.479	16.615	0.350	16.638	0.262
12.685	-0.860	12.697	-0.764	12.714	-0.654	12.728	-0.528	16.730	-0.193	16.743	-0.073	16.755	-0.028	16.771	-0.047
12.745	-0.415	12.767	-0.276	12.788	-0.159	12.809	-0.062	16.828	-0.830	16.841	-0.918	16.856	-1.057	16.869	-1.075
12.829	0.022	12.848	0.069	12.870	0.111	12.892	0.145	16.895	-1.100	16.912	-1.151	16.940	-1.215	16.963	-1.278
12.913	0.167	12.937	0.197	12.954	0.231	12.980	0.256	16.981	-1.304	17.000	-1.342	17.019	-1.359	17.038	-1.343
13.000	0.278	13.019	0.328	13.048	0.425	13.070	0.522	17.056	-1.331	17.077	-1.306	17.092	-1.269	17.106	-1.231
13.086	0.618	13.099	0.698	13.117	0.778	13.132	0.828	17.122	-1.202	17.139	-1.161	17.153	-1.119	17.174	-1.078
13.149	0.858	13.171	0.887	13.190	0.908	13.207	0.929	17.188	-1.044	17.207	-0.994	17.225	-0.915	17.249	-0.836
13.231	0.941	13.249	0.953	13.262	0.944	13.281	0.910	17.322	-0.325	17.336	-0.233	17.357	-0.120	17.366	-0.040
13.306	0.438	13.320	0.783	13.346	0.669	13.368	0.556	17.379	0.036	17.392	0.086	17.406	0.161	17.418	0.203
13.492	0.135	13.519	0.059	13.547	-0.012	13.571	-0.075	17.435	0.262	17.451	0.333	17.466	0.379	17.480	0.430
13.603	-0.143	13.633	-0.214	13.658	-0.311	13.693	-0.433	17.494	0.484	17.508	0.539	17.524	0.585	17.538	0.631
13.806	-0.956	13.828	-1.044	13.847	-1.057	13.883	-1.079	17.553	0.668	17.572	0.723	17.590	0.773	17.612	0.806
13.919	-1.084	13.940	-1.097	13.962	-1.136	13.993	-1.136	17.627	0.869	17.641	0.957	17.660	1.062	17.670	1.141
14.027	-1.111	14.050	-1.090	14.051	-1.099	14.053	-1.136	17.684	1.263	17.696	1.355	17.710	1.422	17.717	1.477
14.055	-1.132	14.057	-1.107	14.079	-1.128	14.105	-1.115	17.732	1.561	17.744	1.615	17.758	1.640	17.784	1.665
14.131	-1.086	14.149	-1.018	14.174	-0.972	14.196	-0.879	17.799	1.690	17.815	1.715	17.828	1.727	17.840	1.706
14.205	-0.808	14.225	-0.736	14.236	-0.656	14.253	-0.580	17.868	1.643	17.882	1.593	17.895	1.542	17.909	1.471
14.267	-0.504	14.284	-0.386	14.304	-0.310	14.328	-0.255	17.921	1.361	17.928	1.319	17.938	1.227	17.947	1.139
14.347	-0.054	14.373	0.069	14.390	0.166	14.404	0.250	17.962	1.088	17.980	0.991	17.997	0.928	18.009	0.895
14.420	0.343	14.439	0.448	14.452	0.603	14.468	0.687	18.031	0.878	18.047	0.827	18.059	0.835	18.069	0.798
14.482	0.796	14.495	0.918	14.509	1.002	14.528	1.098	18.081	0.718	18.096	0.655	18.110	0.600	18.121	0.524
14.549	1.165	14.563	1.249	14.582	1.345	14.597	1.425	18.134	0.424	18.143	0.344	18.155	0.218	18.165	0.142
14.613	1.517	14.628	1.613	14.642	1.702	14.656	1.781	18.179	0.054	18.191	-0.017	18.203	-0.097	18.219	-0.194
14.670	1.827	14.690	1.860	14.711	1.902	14.730	1.936	18.234	-0.286	18.248	-0.391	18.258	-0.425	18.281	-0.526
14.742	1.961	14.751	1.994	14.758	2.044	14.772	2.061	18.286	-0.580	18.306	-0.677	18.322	-0.790	18.341	-0.908
								18.356	-0.992	18.380	-1.080	18.403	-1.185	18.416	-1.231

18.430	-1.298	18.447	-1.348	18.468	-1.386	18.480	-1.440	23.180	-0.028	23.201	-0.091	23.224	-0.133	23.248	-0.201
18.499	-1.511	18.521	-1.561	18.535	-1.611	18.561	-1.652	23.270	-0.252	23.293	-0.299	23.326	-0.392	23.354	-0.477
18.580	-1.672	18.597	-1.667	18.613	-1.658	18.634	-1.636	23.381	-0.541	23.409	-0.588	23.428	-0.626	23.458	-0.653
18.660	-1.576	18.674	-1.534	18.693	-1.483	18.706	-1.424	23.478	-0.699	23.499	-0.751	23.518	-0.793	23.534	-0.840
18.722	-1.360	18.738	-1.271	18.757	-1.170	18.772	-1.085	23.553	-0.904	23.576	-0.904	23.595	-0.909	23.610	-0.922
18.788	-1.005	18.812	-0.887	18.842	-0.827	18.861	-0.759	23.640	-0.914	23.673	-0.898	23.714	-0.885	23.733	-0.842
18.889	-0.666	18.908	-0.611	18.928	-0.526	18.946	-0.463	23.752	-0.788	23.777	-0.716	23.797	-0.644	23.815	-0.556
18.965	-0.316	18.979	-0.206	18.996	-0.097	19.014	-0.021	23.835	-0.476	23.858	-0.391	23.875	-0.315	23.910	-0.234
19.031	0.110	19.046	0.206	19.071	0.362	19.095	0.484	23.941	-0.175	23.976	-0.098	23.998	-0.026	24.026	0.034
19.116	0.619	19.131	0.732	19.147	0.850	19.159	0.946	24.054	-0.110	24.080	0.195	24.101	0.262	24.125	0.333
19.185	1.022	19.208	1.056	19.234	1.081	19.262	1.119	24.144	0.384	24.165	0.426	24.195	0.451	24.215	0.484
19.277	1.190	19.293	1.262	19.310	1.350	19.327	1.422	24.229	0.509	24.252	0.551	24.271	0.610	24.288	0.651
19.353	1.527	19.360	1.564	19.374	1.585	19.383	1.606	24.302	0.722	24.318	0.789	24.334	0.869	24.353	0.931
19.402	1.602	19.416	1.584	19.432	1.572	19.456	1.559	24.367	0.600	24.387	0.993	24.405	1.009	24.420	1.001
19.484	1.503	19.520	1.415	19.543	1.351	19.567	1.279	24.441	0.992	24.457	0.975	24.485	0.940	24.502	0.898
19.589	1.228	19.612	1.135	19.633	1.063	19.665	0.974	24.530	0.847	24.547	0.784	24.559	0.721	24.580	0.670
19.684	0.864	19.707	0.763	19.729	0.603	19.748	0.485	24.594	0.617	24.613	0.573	24.641	0.513	24.665	0.471
19.769	0.375	19.783	0.257	19.797	0.194	19.809	0.089	24.698	0.424	24.723	0.369	24.747	0.327	24.768	0.268
19.837	-0.026	19.854	-0.123	19.880	-0.241	19.899	-0.317	24.797	0.171	24.823	0.091	24.844	0.019	24.866	-0.065
19.926	-0.385	19.949	-0.448	19.977	-0.520	20.004	-0.622	24.887	-0.162	24.910	-0.246	24.924	-0.326	24.951	-0.402
20.030	-0.728	20.056	-0.900	20.072	-0.984	20.094	-1.060	24.984	-0.499	25.005	-0.562	25.038	-0.609	25.081	-0.663
20.122	-1.162	20.144	-1.225	20.167	-1.301	20.180	-1.373	25.126	-0.718	25.164	-0.744	25.207	-0.773	25.245	-0.797
20.199	-1.457	20.220	-1.537	20.234	-1.562	20.249	-1.588	25.287	-0.822	25.330	-0.838	25.358	-0.863	25.371	-0.863
20.272	-1.588	20.289	-1.568	20.308	-1.526	20.327	-1.492	25.402	-0.833	25.420	-0.795	25.440	-0.744	25.453	-0.693
20.343	-1.463	20.363	-1.438	20.382	-1.417	20.400	-1.367	25.466	-0.664	25.480	-0.617	25.503	-0.545	25.516	-0.473
20.427	-1.317	20.453	-1.241	20.465	-1.199	20.483	-1.153	25.537	-0.401	25.556	-0.329	25.573	-0.270	25.601	-0.210
20.502	-1.099	20.517	-1.032	20.536	-1.003	20.550	-0.956	25.635	-0.129	25.647	-0.070	25.689	-0.010	25.721	0.079
20.560	-0.847	20.574	-0.793	20.591	-0.688	20.605	-0.591	25.758	0.142	25.799	0.234	25.828	0.314	25.863	0.369
20.633	-0.403	20.655	-0.290	20.673	-0.189	20.693	-0.076	25.895	0.432	25.907	0.491	25.930	0.554	25.956	0.626
20.719	0.406	20.735	0.151	20.759	0.247	20.778	0.343	25.973	0.693	26.001	0.748	26.021	0.802	26.049	0.802
20.799	0.819	20.819	0.490	20.845	0.545	20.875	0.620	26.087	0.793	26.107	0.768	26.137	0.738	26.162	0.687
20.904	0.688	20.927	0.746	20.946	0.809	20.961	0.868	26.193	0.645	26.236	0.590	26.262	0.535	26.288	0.476
20.980	0.940	20.992	1.015	21.013	1.099	21.028	1.209	26.322	0.412	26.350	0.362	26.371	0.299	26.403	0.227
21.046	1.305	21.059	1.381	21.077	1.448	21.091	1.486	26.438	0.135	26.469	0.038	26.498	-0.025	26.515	-0.092
21.104	1.520	21.123	1.511	21.149	1.503	21.167	1.470	26.538	-0.147	26.563	-0.193	26.584	-0.235	26.622	-0.303
21.194	1.420	21.210	1.345	21.234	1.269	21.256	1.156	26.639	-0.336	26.671	-0.395	26.699	-0.441	26.738	-0.474
21.270	1.081	21.289	0.993	21.317	0.934	21.348	0.859	26.764	-0.520	26.812	-0.554	26.844	-0.566	26.877	-0.611
21.386	0.779	21.407	0.695	21.433	0.611	21.453	0.506	26.918	-0.661	26.954	-0.706	26.983	-0.723	27.009	-0.676
21.469	0.405	21.491	0.325	21.515	0.203	21.533	0.131	27.042	-0.600	27.059	-0.537	27.079	-0.465	27.107	-0.381
21.553	0.031	21.574	-0.041	21.595	-0.155	21.614	-0.234	27.133	-0.296	27.148	-0.212	27.179	-0.153	27.202	-0.110
21.630	-0.340	21.650	-0.420	21.663	-0.499	21.685	-0.576	27.248	-0.068	27.278	-0.025	27.305	-0.008	27.340	0.018
21.713	-0.648	21.749	-0.716	21.775	-0.746	21.799	-0.806	27.367	0.043	27.393	0.077	27.424	0.149	27.452	0.221
21.826	-0.873	21.848	-0.562	21.878	-1.051	21.905	-1.102	27.471	0.296	27.498	0.380	27.526	0.472	27.559	0.548
21.938	-1.111	21.962	-1.112	21.981	-1.095	22.009	-1.071	27.608	0.623	27.646	0.631	27.681	0.606	27.707	0.593
22.042	-1.025	22.072	-0.958	22.086	-0.929	22.112	-0.854	27.741	0.551	27.770	0.508	27.793	0.496	27.835	0.462
22.140	-0.775	22.155	-0.695	22.178	-0.586	22.199	-0.527	27.859	0.478	27.896	0.468	27.933	0.472	27.971	0.454
22.227	-0.430	22.246	-0.350	22.265	-0.270	22.288	-0.173	28.008	0.419	28.036	0.347	28.061	0.275	28.093	0.153
22.316	-0.077	22.335	-0.018	22.358	0.050	22.388	0.126	28.116	0.094	28.151	0.016	28.172	-0.101	28.211	-0.173
22.408	0.176	22.436	0.236	22.461	0.303	22.489	0.363	28.241	-0.241	28.277	-0.280	28.296	-0.305	28.335	-0.310
22.511	0.413	22.531	0.477	22.548	0.540	22.562	0.616	28.376	-0.311	28.397	-0.332	28.438	-0.349	28.475	-0.417
22.585	0.658	22.607	0.743	22.632	0.810	22.656	0.870	28.496	-0.485	28.512	-0.548	28.532	-0.611	28.548	-0.662
22.679	0.916	22.719	0.934	22.740	0.917	22.777	0.914	28.569	-0.713	28.601	-0.768	28.627	-0.759	28.638	-0.734
22.813	0.868	22.845	0.785	22.867	0.743	22.898	0.664	28.666	-0.692	28.687	-0.634	28.702	-0.575	28.737	-0.504
22.918	0.639	22.942	0.576	22.967	0.556	22.988	0.543	28.763	-0.441	28.786	-0.394	28.823	-0.371	28.873	-0.252
23.003	0.493	23.028	0.438	23.047	0.396	23.068	0.325	28.912	-0.193	28.949	-0.143	28.990	-0.080	29.035	-0.026
23.090	0.279	23.113	0.212	23.137	0.128	23.161	0.048	29.081	0.329	29.104	0.096	29.124	0.159	29.159	0.213

29.188	0.276	29.228	0.347	29.249	0.415	29.282	0.469	34.447	0.211	34.478	0.198	34.517	0.202	34.557	0.214
29.304	0.328	29.323	0.586	29.348	0.645	29.389	0.670	34.590	0.235	34.613	0.251	34.639	0.284	34.667	0.317
29.424	0.549	29.455	0.627	29.481	0.602	29.510	0.606	34.655	0.350	34.719	0.358	34.749	0.340	34.786	0.305
29.527	0.610	29.560	0.610	29.607	0.609	29.621	0.575	34.817	0.262	34.850	0.202	34.878	0.155	34.904	0.117
29.648	0.525	29.665	0.508	29.683	0.478	29.695	0.449	34.948	0.094	34.983	0.085	35.039	0.070	35.072	0.044
29.714	0.402	29.738	0.314	29.762	0.259	29.788	0.187	35.095	0.031	35.137	-0.029	35.177	-0.089	35.215	-0.145
29.819	0.115	29.841	0.060	29.862	0.010	29.886	-0.045	35.246	-0.192	35.276	-0.231	35.299	-0.278	35.328	-0.296
29.917	-0.105	29.944	-0.172	29.965	-0.227	29.996	-0.312	35.351	-0.305	35.387	-0.290	35.414	-0.244	35.440	-0.216
30.029	0.363	30.070	-0.418	30.104	-0.498	30.134	-0.570	35.464	-0.187	35.481	-0.175	35.513	-0.181	35.539	-0.202
30.165	-0.638	30.181	-0.667	30.217	-0.710	30.238	-0.723	35.569	-0.245	35.596	-0.293	35.634	-0.323	35.645	-0.336
30.264	-0.732	30.310	-0.728	30.347	-0.708	30.380	-0.683	35.683	-0.295	35.712	-0.241	35.740	-0.195	35.760	-0.154
30.402	-0.634	30.442	-0.601	30.452	-0.546	30.473	-0.500	35.781	-0.095	35.804	-0.058	35.838	-0.038	35.875	-0.009
30.499	-0.421	30.527	-0.359	30.556	-0.254	30.591	-0.221	35.909	0.007	35.947	0.011	35.978	0.027	36.023	0.043
30.592	-0.293	30.610	-0.230	30.639	-0.184	30.658	-0.130	36.046	0.076	36.075	0.118	36.096	0.159	36.120	0.188
30.696	-0.080	30.722	-0.042	30.744	-0.001	30.768	0.049	36.149	0.238	36.174	0.305	36.202	0.342	36.224	0.388
30.787	0.090	30.810	0.132	30.843	0.190	30.858	0.210	36.253	0.401	36.284	0.388	36.320	0.370	36.346	0.337
30.884	0.269	30.905	0.314	30.927	0.352	30.952	0.369	36.382	0.282	36.409	0.239	36.454	0.201	36.492	0.163
30.965	0.431	30.979	0.472	31.014	0.501	31.043	0.525	36.524	0.150	36.567	0.154	36.610	0.153	36.648	0.153
31.066	0.546	31.093	0.549	31.116	0.578	31.146	0.599	36.685	0.119	36.721	0.076	36.759	0.013	36.785	-0.034
31.170	0.611	31.208	0.615	31.236	0.594	31.267	0.551	36.812	-0.076	36.848	-0.131	36.880	-0.165	36.923	-0.183
31.288	0.496	31.314	0.450	31.333	0.387	31.349	0.349	36.949	-0.196	36.976	-0.188	37.005	-0.201	37.026	-0.193
31.361	0.319	31.382	0.294	31.405	0.281	31.446	0.268	37.046	-0.222	37.087	-0.231	37.117	-0.236	37.163	-0.237
31.467	0.251	31.481	0.234	31.500	0.191	31.518	0.149	37.198	-0.237	37.227	-0.246	37.251	-0.255	37.278	-0.259
31.537	0.103	31.558	0.023	31.577	-0.045	31.598	-0.135	37.321	-0.243	37.356	-0.235	37.383	-0.215	37.412	-0.194
31.614	-0.180	31.647	-0.239	31.668	-0.281	31.697	-0.315	37.443	-0.157	37.469	-0.128	37.497	-0.086	37.535	-0.078
31.731	-0.332	31.776	-0.345	31.806	-0.333	31.839	-0.325	37.566	-0.096	37.602	-0.096	37.642	-0.051	37.685	-0.013
31.870	-0.317	31.888	-0.313	31.914	-0.351	31.931	-0.381	37.723	0.020	37.761	0.062	37.802	0.104	37.833	0.121
31.940	-0.444	31.951	-0.494	31.965	-0.541	31.977	-0.596	37.870	0.137	37.903	0.162	37.958	0.137	38.031	0.116
31.989	-0.646	32.000	-0.688	32.014	-0.730	32.029	-0.764	38.082	0.103	38.108	0.111	38.138	0.103	38.185	0.123
32.043	-0.802	32.061	-0.832	32.090	-0.811	32.115	-0.774	38.212	0.136	38.243	0.152	38.269	0.165	38.299	0.152
32.132	-0.728	32.156	-0.619	32.165	-0.577	32.179	-0.518	38.335	0.122	38.373	0.075	38.399	0.046	38.439	0.004
32.191	-0.447	32.201	-0.380	32.215	-0.317	32.227	-0.258	38.467	-0.013	38.510	-0.010	38.545	-0.006	38.581	-0.023
32.236	-0.199	32.250	-0.141	32.267	-0.111	32.288	-0.103	38.614	-0.032	38.640	-0.049	38.664	-0.066	38.703	-0.091
32.311	-0.128	32.332	-0.149	32.351	-0.191	32.373	-0.246	38.722	-0.104	38.760	-0.096	38.795	-0.092	38.821	-0.105
32.337	-0.275	32.408	-0.288	32.434	-0.301	32.457	-0.267	38.845	-0.122	38.897	-0.139	38.937	-0.144	38.920	-0.123
32.477	-0.225	32.498	-0.187	32.519	-0.095	32.540	-0.007	38.946	-0.106	38.984	-0.098	39.005	-0.082	39.043	-0.086
32.559	0.085	32.575	0.186	32.595	0.286	32.608	0.366	39.079	-0.087	39.113	-0.087	39.149	-0.083	39.177	-0.071
32.621	0.429	32.632	0.505	32.649	0.576	32.661	0.631	39.212	-0.067	39.274	-0.046	39.274	-0.021	39.309	-0.004
32.677	0.673	32.692	0.694	32.713	0.673	32.727	0.652	39.346	0.099	39.377	0.017	39.414	0.021	39.443	0.029
32.748	0.669	32.753	0.635	32.767	0.576	32.777	0.530	39.476	0.042	39.520	0.025	39.560	0.021	39.602	0.004
32.796	0.505	32.812	0.480	32.828	0.455	32.845	0.438	39.631	0.021	39.673	0.029	39.720	0.037	39.769	0.050
32.857	0.426	32.873	0.405	32.888	0.438	32.909	0.480	39.795	0.071	39.819	0.092	39.846	0.096	39.873	0.113
32.926	0.518	32.946	0.573	32.963	0.628	32.978	0.657	39.914	0.096	39.957	0.067	39.990	0.042	40.030	0.021
32.996	0.695	33.013	0.703	33.027	0.716	33.041	0.691	40.063	0.046	40.118	0.058	40.146	0.075	40.175	0.079
33.060	0.662	33.079	0.615	33.100	0.565	33.114	0.498	40.216	0.058	40.254	0.028	40.287	-0.014	40.307	-0.035
33.131	0.423	33.152	0.334	33.182	0.238	33.203	0.170	40.333	-0.054	40.366	-0.086	40.394	-0.103	40.427	-0.078
33.234	0.095	33.269	0.053	33.302	0.002	33.331	-0.028	40.466	-0.061	40.496	-0.053	40.543	-0.062	40.571	-0.074
33.389	-0.061	33.438	-0.095	33.466	-0.133	33.492	-0.181	40.618	-0.091	40.652	-0.117	40.693	-0.138	40.717	-0.172
33.529	-0.268	33.555	-0.326	33.583	-0.394	33.623	-0.436	40.742	-0.189	40.765	-0.198	40.800	-0.178	40.836	-0.132
33.651	-0.482	33.681	-0.503	33.706	-0.520	33.730	-0.546	40.871	-0.086	40.899	-0.099	40.926	-0.024	40.947	-0.003
33.751	-0.542	33.779	-0.538	33.800	-0.513	33.828	-0.475	40.975	0.005	41.010	0.009	41.046	-0.036	41.072	-0.031
33.848	-0.450	33.871	-0.408	33.906	-0.375	33.935	-0.346	41.091	-0.056	41.120	-0.031	41.164	-0.019	41.192	0.010
33.974	-0.313	34.018	-0.271	34.053	-0.242	34.083	-0.238	41.218	0.047	41.252	0.084	41.285	0.117	41.311	0.142
34.119	-0.230	34.142	-0.192	34.167	-0.146	34.191	-0.092	41.341	0.179	41.369	0.187	41.396	0.195	41.433	0.199
34.237	-0.021	34.263	0.029	34.286	0.083	34.312	0.141	41.466	0.169	41.494	0.131	41.528	0.109	41.558	0.109
34.338	0.187	34.366	0.221	34.382	0.233	34.415	0.224	41.599	0.125	41.641	0.132	41.670	0.145	41.698	0.136

41.710	0.148	41.726	0.135	41.748	0.113	41.776	0.092	49.727	-0.029	49.788	-0.019	49.835	-0.008	49.866	0.012
41.812	0.036	41.835	-0.002	41.866	-0.036	41.899	-0.075	49.897	0.037	49.918	0.061	49.942	0.054	49.974	0.126
41.928	-0.109	41.953	-0.139	41.980	-0.156	42.001	-0.170	49.996	0.159	50.033	0.162	50.066	0.148	50.095	0.152
42.036	-0.158	42.079	-0.159	42.108	-0.151	42.151	-0.152	50.135	0.152	50.209	0.137	50.264	0.127	50.264	0.120
42.182	-0.170	42.213	-0.200	42.243	-0.242	42.268	-0.276	50.299	0.136	50.340	0.138	50.384	0.141	50.404	0.140
42.290	-0.290	42.319	-0.299	42.333	-0.312	42.369	-0.262	50.434	0.118	50.467	0.104	50.494	0.078	50.520	0.060
42.401	-0.233	42.429	-0.200	42.456	-0.163	42.487	-0.135	50.555	0.033	50.586	0.015	50.628	0.014	50.661	0.004
42.528	-0.110	42.571	-0.078	42.607	-0.058	42.634	0.037	50.716	0.002	50.751	0.001	50.786	0.001	50.817	-0.013
42.666	-0.009	42.747	0.015	42.785	0.044	42.831	0.081	50.861	-0.035	50.900	-0.065	50.933	-0.099	50.965	-0.121
42.860	0.106	42.886	0.143	42.914	0.172	42.938	0.197	51.010	-0.139	51.034	-0.156	51.073	-0.149	51.113	-0.137
42.995	0.222	43.004	0.230	43.037	0.238	43.063	0.250	51.156	-0.126	51.189	-0.110	51.240	-0.110	51.247	-0.106
43.119	0.253	43.167	0.244	43.201	0.252	43.242	0.256	51.277	-0.115	51.301	-0.115	51.327	-0.124	51.350	-0.115
43.278	0.264	43.304	0.276	43.338	0.263	43.374	0.246	51.378	-0.124	51.427	-0.116	51.469	-0.100	51.500	-0.075
43.409	0.216	43.446	0.199	43.482	0.165	43.508	0.136	51.532	-0.063	51.559	-0.034	51.594	-0.034	51.631	-0.026
43.544	0.106	43.578	0.064	43.615	0.030	43.653	0.004	51.664	-0.018	51.690	-0.022	51.719	-0.027	51.756	-0.010
43.690	-0.034	43.732	-0.060	43.773	-0.086	43.799	-0.111	51.789	0.003	51.826	0.028	51.862	0.049	51.906	0.074
43.828	-0.137	43.849	-0.158	43.882	-0.196	43.911	-0.234	51.944	0.086	52.003	0.094	52.055	0.107	52.104	0.090
43.938	-0.264	43.973	-0.286	43.999	-0.298	44.021	-0.316	52.145	0.077	52.190	0.090	52.241	0.090	52.279	0.085
44.044	-0.324	44.073	-0.320	44.090	-0.329	44.106	-0.317	52.315	0.085	52.347	0.093	52.395	0.088	52.442	0.067
44.139	-0.292	44.165	-0.275	44.182	-0.259	44.212	-0.247	52.477	0.050	52.527	0.028	52.558	0.011	52.596	-0.014
44.248	-0.261	44.269	-0.244	44.293	-0.233	44.323	-0.246	52.645	-0.031	52.676	-0.048	52.714	-0.066	52.746	-0.080
44.347	-0.217	44.375	-0.184	44.408	-0.160	44.437	-0.123	52.768	-0.093	52.803	-0.069	52.846	-0.049	52.879	-0.041
44.456	-0.094	44.481	-0.048	44.507	-0.011	44.548	0.022	52.938	-0.043	52.973	-0.036	53.030	-0.038	53.088	-0.043
44.578	0.050	44.620	0.079	44.658	0.116	44.698	0.144	53.149	-0.028	53.199	-0.005	53.242	0.015	53.289	0.042
44.731	0.160	44.773	0.188	44.811	0.216	44.850	0.249	53.333	0.053	53.352	0.059	53.456	0.057	53.512	0.042
44.891	0.277	44.917	0.289	44.949	0.313	44.980	0.317	53.552	0.049	53.595	0.048	53.618	0.047	53.659	0.058
45.017	0.303	45.050	0.277	45.087	0.255	45.135	0.224	53.687	0.065	53.718	0.052	53.767	0.042	53.803	0.025
45.176	0.186	45.219	0.155	45.274	0.104	45.328	0.066	53.838	-0.041	53.898	-0.010	53.904	-0.023	53.920	0.028
45.378	0.023	45.427	-0.020	45.490	-0.058	45.560	-0.118	53.944	-0.041	53.998	-0.054	54.062	-0.060	54.104	-0.061
45.611	-0.157	45.650	-0.191	45.688	-0.217	45.735	-0.247	54.166	-0.074	54.212	-0.067	54.259	-0.075	54.302	-0.092
45.781	-0.251	45.819	-0.268	45.839	-0.281	45.869	-0.273	54.330	-0.100	54.357	-0.096	54.373	-0.105	54.408	-0.084
45.897	-0.265	45.925	-0.249	45.953	-0.253	45.989	-0.241	54.446	-0.067	54.490	-0.046	54.521	-0.034	54.551	-0.013
46.024	-0.224	46.068	-0.208	46.114	-0.162	46.150	-0.112	54.610	-0.004	54.660	0.008	54.726	0.008	54.786	0.029
46.180	-0.062	46.217	-0.033	46.245	-0.000	46.301	0.037	54.856	0.054	54.918	0.078	54.979	0.091	55.034	0.091
46.338	0.053	46.359	0.074	46.408	0.094	46.452	0.111	55.081	0.107	55.130	0.086	55.200	0.069	55.237	0.043
46.488	0.140	46.527	0.173	46.553	0.219	46.573	0.260	55.286	0.026	55.315	0.018	55.357	0.017	55.403	0.017
46.588	0.277	46.618	0.293	46.658	0.301	46.700	0.292	55.455	-0.004	55.501	-0.013	55.532	-0.030	55.567	-0.048
46.744	0.279	46.784	0.262	46.844	0.244	46.905	0.226	55.613	-0.065	55.665	-0.061	55.749	-0.074	55.805	-0.067
46.947	0.196	46.987	0.162	47.043	0.123	47.083	0.089	55.878	-0.060	55.934	-0.044	56.015	-0.036	56.085	-0.004
47.131	0.046	47.178	-0.005	47.220	-0.057	47.261	-0.100	56.140	0.016	56.198	0.037	56.250	0.044	56.318	0.042
47.302	-0.135	47.357	-0.161	47.396	-0.192	47.441	-0.222	56.375	0.057	56.433	0.073	56.466	0.084	56.511	0.083
47.471	-0.274	47.506	-0.291	47.551	-0.301	47.595	-0.298	56.558	0.095	56.600	0.102	56.637	0.101	56.684	0.079
47.643	-0.312	47.680	-0.317	47.716	-0.314	47.749	-0.294	56.721	0.082	56.755	0.048	56.783	0.039	56.825	0.038
47.793	-0.265	47.857	-0.229	47.894	-0.201	47.928	-0.168	56.867	0.041	56.916	0.040	56.946	0.035	56.990	0.013
47.961	-0.127	47.989	-0.094	48.029	-0.066	48.062	-0.033	57.018	-0.018	57.056	-0.056	57.098	-0.066	57.150	-0.076
48.098	0.004	48.138	0.032	48.179	0.065	48.227	0.094	57.201	-0.068	57.237	-0.065	57.277	-0.087	57.314	-0.100
48.277	0.144	48.329	0.190	48.377	0.232	48.429	0.253	57.345	-0.126	57.401	-0.127	57.438	-0.132	57.481	-0.125
48.465	0.261	48.482	0.261	48.510	0.244	48.550	0.223	57.520	-0.100	57.562	-0.063	57.605	-0.048	57.633	-0.027
48.582	0.197	48.618	0.185	48.661	0.172	48.708	0.155	57.697	-0.012	57.744	-0.000	57.796	0.024	57.845	0.048
48.771	0.119	48.811	0.102	48.845	0.069	48.890	0.041	57.882	0.068	57.929	0.088	57.972	0.108	58.007	0.137
48.904	0.020	48.929	-0.001	48.957	-0.029	48.977	-0.046	58.036	0.153	58.080	0.161	58.120	0.152	58.202	0.141
49.005	-0.066	49.031	-0.087	49.048	-0.112	49.103	-0.115	58.265	0.123	58.335	0.113	58.383	0.104	58.443	0.086
49.150	-0.171	49.178	-0.147	49.228	-0.160	49.277	-0.181	58.500	0.051	58.552	0.019	58.594	-0.019	58.638	-0.045
49.325	-0.197	49.377	-0.157	49.401	-0.205	49.439	-0.205	58.685	-0.063	58.728	-0.089	58.768	-0.120	58.801	-0.146
49.462	-0.176	49.455	-0.159	49.531	-0.121	49.563	-0.091	58.840	-0.155	58.895	-0.165	58.958	-0.180	58.984	-0.197
49.587	-0.078	49.613	-0.062	49.651	-0.061	49.687	-0.040	59.026	-0.219	59.066	-0.212	59.151	-0.211	59.206	-0.187

IE077
71.058 2/9/71 0600PST L.A. 3470 WILSHIRE BLVD. 11TH FL. EAST

3193 POINTS 64.268 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.5322 G/10.

59.260	-0.151	59.291	-0.123	59.331	-0.090	59.400	-0.042
59.447	-0.019	59.502	0.013	59.551	0.058	59.601	0.111
59.642	0.143	59.656	0.159	59.689	0.200	59.724	0.232
59.755	0.248	59.787	0.259	59.824	0.262	59.862	0.244
59.924	0.237	59.981	0.218	60.029	0.204	60.095	0.172
60.131	0.150	60.169	0.119	60.218	0.075	60.259	0.032
60.299	-0.016	60.327	-0.047	60.375	-0.090	60.446	-0.118
60.495	-0.149	60.527	-0.159	60.581	-0.195	60.626	-0.236
60.664	-0.252	60.701	-0.266	60.754	-0.259	60.817	-0.240
60.891	-0.199	60.938	-0.175	60.976	-0.142	61.019	-0.105
61.075	-0.073	61.128	-0.011	61.175	0.034	61.228	0.054
61.278	0.096	61.323	0.138	61.379	0.175	61.408	0.179
61.456	0.204	61.513	0.208	61.560	0.208	61.596	0.221
61.624	0.212	61.669	0.216	61.719	0.199	61.767	0.190
61.812	0.165	61.848	0.123	61.884	0.080	61.917	0.047
61.948	0.017	61.986	-0.013	62.019	-0.034	62.055	-0.063
62.103	-0.072	62.155	-0.085	62.193	-0.106	62.233	-0.132
62.266	-0.166	62.306	-0.192	62.344	-0.223	62.386	-0.249
62.417	-0.275	62.457	-0.255	62.500	-0.239	62.540	-0.206
62.573	-0.190	62.620	-0.149	62.713	-0.126	62.775	-0.094
62.847	-0.038	62.889	0.003	62.934	0.043	62.974	0.084
63.016	0.121	63.091	0.148	63.168	0.166	63.248	0.189
63.308	0.200	63.339	0.204	63.372	0.212	63.400	0.199
63.438	0.177	63.491	0.129	63.540	0.086	63.603	0.043
63.686	-0.001	63.772	-0.056	63.830	-0.090	63.875	-0.128
63.920	-0.162	63.994	-0.163	64.042	-0.171	64.081	-0.172
64.110	-0.180	64.150	-0.147	64.198	-0.126		

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.007	0.019	0.028	0.036	0.040	0.051	0.024
0.070	0.007	0.087	-0.014	0.106	0.011	0.126	0.041
0.147	0.062	0.169	0.041	0.189	0.020	0.205	-0.001
0.220	-0.013	0.235	-0.026	0.242	-0.017	0.254	-0.034
0.268	-0.033	0.295	-0.042	0.316	-0.063	0.329	-0.076
0.356	-0.088	0.377	-0.096	0.392	-0.100	0.414	-0.083
0.438	-0.045	0.464	-0.003	0.476	0.014	0.496	0.022
0.522	0.018	0.540	-0.019	0.564	-0.074	0.578	-0.107
0.602	-0.145	0.631	-0.094	0.652	-0.039	0.671	0.032
0.686	0.039	0.709	0.125	0.734	0.104	0.762	0.045
0.784	-0.009	0.810	-0.063	0.844	-0.030	0.875	0.029
0.904	0.025	0.930	0.139	0.953	0.147	0.989	0.085
1.011	0.026	1.030	-0.024	1.056	-0.058	1.070	-0.091
1.099	-0.038	1.119	-0.003	1.133	0.048	1.141	0.090
1.157	0.123	1.178	0.090	1.192	0.031	1.202	0.040
1.211	-0.103	1.220	-0.153	1.232	-0.212	1.242	-0.246
1.258	-0.279	1.281	-0.237	1.303	-0.178	1.316	-0.128
1.324	-0.086	1.337	-0.039	1.349	0.015	1.364	0.066
1.380	0.100	1.412	0.112	1.426	0.154	1.445	0.188
1.457	0.218	1.480	0.172	1.497	0.105	1.513	0.016
1.525	-0.055	1.537	-0.118	1.558	-0.176	1.572	-0.210
1.593	-0.164	1.609	-0.100	1.621	-0.054	1.635	-0.008
1.649	0.022	1.663	0.047	1.677	0.043	1.697	0.005
1.714	-0.058	1.723	-0.138	1.735	-0.226	1.741	-0.318
1.751	-0.469	1.763	-0.637	1.776	-0.817	1.783	-0.973
1.786	-1.103	1.798	-1.241	1.800	-1.359	1.804	-1.439
1.821	-1.552	1.832	-1.502	1.841	-1.371	1.849	-1.208
1.860	-0.972	1.867	-0.754	1.874	-0.523	1.881	-0.204
1.891	0.107	1.900	0.418	1.911	0.691	1.920	0.896
1.932	0.980	1.948	0.896	1.960	0.750	1.969	0.531
1.981	0.313	1.988	0.166	1.998	0.002	2.012	-0.132
2.018	-0.162	2.025	-0.103	2.039	0.015	2.053	0.086
2.063	0.288	2.077	0.531	2.086	0.754	2.095	0.875
2.100	1.014	2.105	1.211	2.116	1.400	2.125	1.564
2.133	1.661	2.140	1.354	2.151	1.698	2.163	1.652
2.177	1.539	2.191	1.354	2.198	1.178	2.211	0.968
2.214	0.821	2.228	0.648	2.239	0.522	2.246	0.464
2.261	0.413	2.279	0.514	2.293	0.632	2.309	0.736
2.323	0.766	2.332	0.778	2.347	0.703	2.361	0.589
2.372	0.463	2.381	0.337	2.388	0.190	2.395	0.077

2.403	-0.092	2.414	-0.209	2.417	-0.385	2.423	-0.578	5.638	1.119	5.640	1.178	5.644	1.102	5.664	1.026
2.428	-0.761	2.437	-0.977	2.449	-1.191	2.456	-1.359	5.676	0.913	5.693	0.799	5.709	0.715	5.719	0.783
2.470	-1.435	2.477	-1.477	2.484	-1.502	2.486	-1.519	5.733	0.917	5.743	1.076	5.760	1.261	5.770	1.416
2.495	-1.481	2.510	-1.401	2.517	-1.351	2.526	-1.254	5.781	1.559	5.788	1.639	5.794	1.735	5.810	1.819
2.535	-1.145	2.549	-1.015	2.558	-0.931	2.575	-0.851	5.836	1.744	5.849	1.618	5.861	1.471	5.873	1.269
2.589	-0.792	2.605	-0.767	2.621	-0.754	2.628	-0.805	5.891	0.992	5.911	0.681	5.940	0.331	5.969	0.118
2.640	-0.855	2.654	-0.935	2.663	-1.031	2.672	-1.111	6.000	-0.088	6.021	-0.294	6.045	-0.487	6.066	-0.609
2.680	-1.233	2.687	-1.329	2.701	-1.430	2.708	-1.501	6.088	-0.681	6.109	-0.790	6.126	-0.790	6.148	-1.025
2.721	-1.636	2.724	-1.556	2.733	-1.451	2.752	-1.350	6.176	-1.248	6.200	-1.429	6.220	-1.562	6.241	-1.614
2.764	-1.233	2.780	-1.090	2.793	-0.922	2.800	-0.737	6.256	-1.660	6.277	-1.601	6.292	-1.513	6.311	-1.383
2.815	-0.531	2.829	-0.309	2.842	-0.048	2.859	0.212	6.320	-1.266	6.332	-1.123	6.344	-1.081	6.354	-1.052
2.864	0.489	2.877	0.661	2.884	0.808	2.898	0.876	6.382	-1.102	6.401	-1.153	6.413	-1.199	6.428	-1.145
2.905	0.960	2.919	0.871	2.931	0.758	2.947	0.552	6.449	-1.077	6.461	-0.985	6.476	-0.838	6.485	-0.687
2.956	0.372	2.971	0.175	2.991	0.107	3.005	0.036	6.509	-0.498	6.519	-0.339	6.536	-0.175	6.554	-0.045
3.026	0.149	3.041	0.254	3.054	0.355	3.070	0.511	6.574	0.098	6.605	0.253	6.636	0.430	6.662	0.526
3.080	0.662	3.087	0.847	3.101	1.070	3.110	1.288	6.683	0.665	6.702	0.829	6.717	1.026	6.733	1.299
3.122	1.511	3.129	1.679	3.142	1.826	3.171	1.952	6.757	1.539	6.769	1.690	6.785	1.828	6.797	1.929
3.161	2.066	3.164	2.213	3.166	2.074	3.171	1.952	6.809	1.992	6.821	2.047	6.835	1.967	6.854	1.867
3.186	1.852	3.201	1.718	3.208	1.563	3.224	1.290	6.862	1.719	6.876	1.585	6.888	1.442	6.910	1.287
3.251	1.059	3.282	0.837	3.300	0.762	3.314	0.687	6.929	1.400	6.945	1.489	6.950	1.564	6.960	1.715
3.340	0.536	3.358	0.393	3.379	0.263	3.419	0.201	6.973	1.904	6.986	2.035	7.005	2.198	7.023	2.127
3.453	0.204	3.467	0.118	3.484	-0.025	3.498	-0.188	7.035	1.593	7.052	1.756	7.062	1.468	7.083	1.149
3.507	-0.331	3.518	-0.545	3.525	-0.772	3.530	-0.981	7.100	0.792	7.117	0.432	7.145	0.045	7.171	-0.299
3.542	-1.166	3.544	-1.347	3.555	-1.527	3.560	-1.653	7.188	-0.555	7.217	-0.840	7.259	-1.129	7.296	-1.393
3.572	-1.720	3.581	-1.766	3.600	-1.644	3.609	-1.497	7.312	-0.536	7.352	-1.821	7.377	-1.632	7.402	-1.514
3.616	-1.329	3.623	-1.165	3.637	-0.980	3.656	-0.812	7.422	-1.392	7.438	-1.249	7.453	-1.131	7.469	-1.047
3.665	-0.807	3.672	-0.958	3.693	-0.928	3.734	-1.075	7.511	-0.997	7.517	-1.072	7.534	-1.156	7.555	-1.277
3.708	-1.180	3.719	-1.302	3.726	-1.403	3.734	-1.600	7.581	-0.097	7.620	-0.954	7.620	-0.760	7.639	-0.525
3.750	-1.717	3.761	-1.826	3.768	-1.969	3.789	-1.926	7.657	0.256	7.671	-0.046	7.696	0.139	7.719	0.282
3.848	-1.182	3.862	-1.712	3.872	-1.552	3.886	-1.355	7.736	0.358	7.757	0.396	7.781	0.329	7.809	0.216
3.904	-0.472	3.942	-0.207	3.995	-0.344	4.026	-0.436	7.824	0.115	7.850	-0.044	7.864	-0.170	7.931	0.893
4.028	-0.336	4.056	-0.336	4.080	-0.159	4.103	0.135	7.897	0.099	7.907	0.343	7.919	0.570	7.985	1.855
4.117	0.379	4.131	0.757	4.146	1.114	4.153	1.269	7.940	1.095	7.952	1.414	7.968	1.637	7.985	1.855
4.165	1.584	4.179	1.811	4.197	1.991	4.209	2.012	8.000	1.956	8.016	2.070	8.037	1.994	8.056	1.860
4.216	1.891	4.230	1.698	4.249	1.227	4.271	0.774	8.070	1.663	8.082	1.478	8.092	1.235	8.104	1.004
4.285	0.518	4.304	0.157	4.318	0.031	4.332	0.203	8.118	0.849	8.135	0.693	8.155	0.631	8.182	0.727
4.355	0.514	4.369	0.787	4.382	1.106	4.391	1.329	8.207	0.845	8.229	0.896	8.245	0.950	8.269	0.879
4.412	1.572	4.424	1.665	4.440	1.526	4.452	1.447	8.290	0.733	8.300	0.535	8.319	0.254	8.345	-0.056
4.464	1.321	4.469	1.207	4.480	1.094	4.494	0.863	8.361	-0.275	8.394	-0.467	8.416	-0.530	8.444	-0.639
4.508	0.607	4.525	0.326	4.541	0.019	4.560	-0.237	8.479	-0.756	8.494	-0.819	8.505	-0.832	8.548	-0.810
4.582	-0.422	4.603	-0.282	4.621	-0.065	4.704	0.783	8.581	-0.886	8.633	-1.070	8.645	-1.103	8.665	-1.103
4.645	0.313	4.664	0.531	4.689	0.716	4.704	0.783	8.809	-1.160	8.839	-1.068	8.856	-1.013	8.900	-0.950
4.730	0.641	4.744	0.527	4.756	0.447	4.772	0.208	8.926	-0.853	8.952	-0.743	8.967	-0.600	8.994	-0.399
4.791	-0.141	4.807	-0.413	4.826	-0.661	4.850	-0.867	9.020	-0.159	9.042	0.110	9.058	0.333	9.082	0.551
4.877	-0.733	4.890	-0.598	4.906	-0.418	4.918	-0.262	9.103	0.761	9.119	0.866	9.131	0.900	9.141	0.921
4.937	-0.128	4.955	-0.065	4.972	-0.215	4.993	-0.439	9.178	0.875	9.214	0.771	9.244	0.687	9.258	0.662
5.016	-0.749	5.035	-0.568	5.057	-1.215	5.077	-1.358	9.275	0.679	9.301	0.683	9.320	0.751	9.355	0.864
5.104	-1.472	5.115	-1.497	5.132	-1.543	5.149	-1.446	9.365	0.902	9.376	0.919	9.402	0.886	9.416	0.806
5.163	-0.257	5.175	-1.090	5.182	-0.896	5.196	-0.682	9.431	0.676	9.449	0.521	9.464	0.311	9.487	0.126
5.210	-0.472	5.219	-0.283	5.234	-0.166	5.248	-0.094	9.513	0.022	9.541	-0.045	9.568	-0.074	9.610	-0.091
5.265	-0.183	5.286	-0.313	5.309	-0.468	5.336	-0.544	9.638	-0.112	9.667	-0.162	9.702	-0.292	9.722	-0.380
5.348	-0.518	5.366	-0.544	5.388	-0.581	5.412	-0.523	9.745	-0.455	9.771	-0.560	9.790	-0.631	9.804	-0.702
5.433	-0.443	5.457	-0.266	5.468	-0.099	5.485	-0.149	9.821	-0.765	9.833	-0.832	9.854	-0.882	9.882	-0.832
5.496	0.347	5.506	0.515	5.528	0.687	5.547	0.737	9.892	-0.769	9.909	-0.659	9.930	-0.525	9.942	-0.386
5.570	0.792	5.584	0.863	5.597	0.951	5.609	1.052	9.970	-0.268	9.987	-0.138	10.006	-0.092	10.027	-0.058

10.060	-0.104	10.088	-0.175	10.116	-0.243	10.142	-0.259	16.445	1.437	16.450	1.454	16.478	1.433	16.505	1.379
10.165	-0.209	10.182	-0.146	10.192	-0.079	10.215	0.026	16.533	1.349	16.547	1.336	16.570	1.395	16.589	1.445
10.218	0.102	10.241	0.245	10.255	0.303	10.269	0.345	16.612	1.508	16.631	1.525	16.678	1.495	16.682	1.411
10.286	0.358	10.304	0.320	10.323	0.219	10.347	0.335	16.701	1.302	16.715	1.164	16.738	0.970	16.761	0.739
10.359	0.077	10.380	0.030	10.398	0.016	10.431	0.056	16.785	0.508	16.815	0.265	16.848	0.109	16.883	-0.055
10.451	0.085	10.474	0.106	10.526	0.121	10.563	0.140	16.920	-0.210	16.955	0.366	16.978	-0.551	17.011	-0.765
10.589	0.148	10.623	0.114	10.654	0.063	10.674	0.029	17.032	-0.946	17.053	-1.110	17.075	-1.252	17.094	-1.387
10.706	-0.164	10.731	-0.219	10.746	-0.244	10.764	-0.215	17.121	-1.479	17.131	-1.521	17.147	-1.505	17.169	-1.463
10.798	-0.177	10.817	-0.173	10.845	-0.232	10.883	-0.384	17.190	-1.383	17.213	-1.291	17.218	-1.211	17.232	-1.131
10.912	-0.506	10.945	-0.607	10.964	-0.645	10.994	-0.674	17.253	-1.043	17.282	-0.976	17.307	-0.926	17.331	-0.880
11.027	-0.603	11.059	-0.486	11.097	-0.390	11.113	-0.310	17.361	-0.800	17.388	-0.691	17.416	-0.540	17.444	-0.393
11.135	-0.298	11.167	-0.327	11.214	-0.349	11.258	-0.282	17.472	-0.158	17.491	0.043	17.512	0.232	17.540	0.505
11.301	-0.135	11.323	-0.051	11.363	0.057	11.388	0.242	17.567	0.698	17.603	0.866	17.631	0.996	17.662	1.092
11.409	0.393	11.431	0.565	11.446	0.632	11.476	0.674	17.691	1.142	17.732	1.179	17.753	1.188	17.779	1.246
11.520	0.707	11.542	0.782	11.556	0.875	11.587	1.059	17.808	1.292	17.823	1.313	17.844	1.246	17.871	1.149
11.607	1.177	11.638	1.240	11.668	1.277	11.704	1.156	17.892	0.981	17.916	0.804	17.935	0.628	17.968	0.401
11.729	1.034	11.750	0.912	11.774	0.794	11.804	0.706	17.983	0.249	18.016	0.060	18.054	-0.083	18.090	-0.230
11.838	0.588	11.867	0.420	11.894	0.194	11.923	0.079	18.119	-0.411	18.160	-0.621	18.208	-0.811	18.243	-0.962
11.961	-0.352	11.988	-0.504	12.036	-0.676	12.068	-0.722	18.250	-1.017	18.303	-1.139	18.305	-1.307	18.329	-1.429
12.119	-0.671	12.160	-0.617	12.199	-0.629	12.250	-0.554	18.353	-1.488	18.372	-1.513	18.401	-1.480	18.432	-1.371
12.279	-0.600	12.308	-0.461	12.337	-0.327	12.363	-0.125	18.442	-1.287	18.473	-1.157	18.497	-1.069	18.511	-0.977
12.390	0.043	12.424	0.349	12.458	0.597	12.480	0.786	18.549	-0.847	18.564	-0.746	18.585	-0.620	18.613	-0.486
12.519	0.925	12.569	1.060	12.612	1.215	12.658	1.295	18.639	-0.335	18.669	-0.150	18.695	0.030	18.719	0.148
12.695	1.367	12.713	1.388	12.738	1.379	12.767	1.274	18.741	0.253	18.752	0.366	18.785	0.513	18.813	0.668
12.795	1.098	12.819	0.897	12.860	0.653	12.899	0.372	18.832	0.782	18.885	0.887	18.904	0.996	18.920	1.117
12.942	0.095	12.991	-0.203	13.036	-0.455	13.077	-0.732	18.955	1.214	18.982	1.252	19.014	1.268	19.036	1.285
13.110	-0.950	13.130	-1.164	13.168	-1.421	13.283	-1.845	19.083	1.272	19.109	1.226	19.140	1.129	19.165	1.016
13.231	-1.736	13.254	-1.803	13.267	-1.837	13.283	-1.845	19.184	0.898	19.206	0.760	19.231	0.634	19.257	0.525
13.307	-1.812	13.329	-1.736	13.377	-1.594	13.398	-1.443	19.284	0.424	19.314	0.281	19.335	0.146	19.368	0.076
13.435	-1.216	13.471	-0.994	13.506	-0.805	13.540	-0.562	19.404	-0.299	19.439	-0.517	19.468	-0.710	19.489	-0.887
13.574	-0.310	13.610	-0.012	13.650	0.244	13.698	0.475	19.522	-1.017	19.544	-1.118	19.591	-1.236	19.640	-1.345
13.741	0.580	13.789	0.706	13.828	0.840	13.852	0.995	19.679	-1.404	19.702	-1.425	19.733	-1.400	19.757	-1.345
13.876	1.554	13.892	1.268	13.914	1.368	13.938	1.398	19.783	-1.203	19.807	-1.077	19.838	-0.909	19.859	-0.733
13.940	1.402	13.957	1.360	13.981	1.280	14.008	1.099	19.894	-0.536	19.925	-0.355	19.958	-0.179	20.008	0.022
14.050	0.839	14.082	0.684	14.112	0.567	14.139	0.491	20.039	0.182	20.067	0.337	20.103	0.631	20.149	0.858
14.291	-0.116	14.322	-0.326	14.353	-0.523	14.380	-0.603	20.177	1.039	20.200	1.207	20.225	1.379	20.260	1.480
14.401	-0.632	14.442	-0.657	14.463	-0.720	14.485	-0.837	20.282	1.522	20.301	1.543	20.332	1.497	20.379	1.346
14.511	-1.005	14.540	-1.164	14.561	-1.223	14.599	-1.277	20.434	1.085	20.478	0.867	20.522	0.628	20.554	0.414
14.634	-1.293	14.670	-1.251	14.696	-1.146	14.725	-1.036	20.560	0.363	20.669	-0.321	20.731	-0.602	20.788	-0.837
14.753	-0.931	14.775	-0.860	14.799	-0.763	14.824	-0.612	20.839	-1.055	20.877	-1.173	20.920	-1.273	20.959	-1.311
14.855	-0.435	14.884	-0.295	14.912	-0.170	14.948	-0.069	20.999	-1.269	21.039	-1.151	21.068	-1.034	21.092	-0.891
14.991	0.091	15.029	0.247	15.066	0.419	15.098	0.537	21.129	-0.694	21.174	-0.468	21.217	-0.225	21.257	0.027
15.123	0.646	15.148	0.772	15.173	0.923	15.207	1.092	21.301	0.258	21.345	0.497	21.379	0.610	21.412	0.748
15.236	1.201	15.264	1.272	15.279	1.327	15.304	1.365	21.448	0.932	21.682	0.878	21.730	0.798	21.763	0.666
15.338	1.289	15.364	1.206	15.388	1.101	15.421	1.017	21.812	0.403	21.843	0.231	21.878	0.067	21.905	-0.029
15.452	0.941	15.493	0.824	15.519	0.728	15.562	0.627	21.944	-0.168	21.978	-0.277	22.004	-0.315	22.034	-0.411
15.566	0.438	15.593	0.262	15.621	0.077	15.648	-0.083	22.060	-0.504	22.102	-0.630	22.152	-0.676	22.199	-0.697
15.686	-0.318	15.712	-0.532	15.734	-0.662	15.758	-0.805	22.243	-0.684	22.278	-0.625	22.297	-0.587	22.355	-0.511
15.794	-0.972	15.817	-1.086	15.837	-1.157	15.858	-1.216	22.395	-0.448	22.445	-0.293	22.512	-0.167	22.609	0.043
15.875	-1.224	15.906	-1.195	15.939	-1.165	15.980	-1.216	22.655	0.143	22.700	0.210	22.756	0.391	22.791	0.487
16.006	-1.216	16.042	-1.144	16.064	-1.035	16.078	-0.947	22.827	0.563	22.876	0.592	22.892	0.613	22.934	0.566
16.099	-0.821	16.118	-0.703	16.139	-0.582	16.160	-0.435	22.984	0.507	23.035	0.441	23.087	0.289	23.132	0.208
16.189	-0.317	16.222	-0.166	16.250	-0.032	16.273	0.073	23.170	0.170	23.222	0.141	23.265	0.082	23.316	-0.045
16.294	0.233	16.313	0.375	16.332	0.556	16.353	0.724	23.356	-0.196	23.421	-0.360	23.506	-0.466	23.570	-0.525
16.373	0.934	16.391	1.093	16.410	1.253	16.431	1.383	23.619	-0.567	23.655	-0.567	23.739	-0.417	23.820	-0.258

23.915	-0.044	23.985	0.128	24.321	0.190	24.063	0.257	31.356	-0.317	31.363	-0.322	31.375	-0.322	31.386	-0.322
24.096	0.325	24.120	0.337	24.164	0.295	24.195	0.283	31.393	-0.322	31.403	-0.306	31.417	-0.297	31.419	-0.285
24.235	0.283	24.297	0.316	24.303	0.337	24.327	0.354	31.433	-0.256	31.445	-0.248	31.454	-0.231	31.468	-0.219
24.369	0.329	24.396	0.283	24.426	0.224	24.461	0.157	31.480	-0.202	31.497	-0.190	31.508	-0.181	31.521	-0.165
24.520	0.005	24.568	-0.066	24.620	-0.133	24.704	-0.229	31.530	-0.144	31.537	-0.136	31.544	-0.115	31.549	-0.102
24.770	-0.326	24.855	-0.405	24.874	-0.418	24.953	-0.359	31.556	-0.090	31.560	-0.082	31.565	-0.069	31.569	-0.061
25.063	-0.187	25.118	-0.090	25.228	0.133	25.271	0.205	31.577	-0.040	31.588	-0.015	31.598	-0.015	31.607	-0.003
25.318	0.260	25.368	0.323	25.409	0.432	25.444	0.495	31.626	0.001	31.635	-0.007	31.652	-0.016	31.661	-0.029
25.482	0.508	25.504	0.512	25.534	0.479	25.565	0.429	31.670	-0.041	31.677	-0.050	31.689	-0.059	31.698	-0.067
25.603	0.353	25.641	0.316	25.672	0.286	25.747	0.266	31.707	-0.072	31.720	-0.072	31.733	-0.072	31.745	-0.072
25.778	0.237	25.808	0.174	25.844	0.099	25.897	-0.094	31.752	-0.068	31.759	-0.060	31.761	-0.051	31.768	-0.039
25.937	-0.237	25.994	-0.371	26.056	-0.412	26.137	-0.446	31.776	-0.027	31.782	-0.032	31.789	-0.018	31.790	-0.006
26.178	-0.500	26.217	-0.534	26.240	-0.542	26.291	-0.433	31.796	0.007	31.803	0.032	31.810	0.049	31.815	0.065
26.322	-0.323	26.371	-0.164	26.412	-0.033	26.434	0.013	31.822	0.082	31.825	0.099	31.838	0.116	31.843	0.136
26.464	0.051	26.517	0.081	26.553	0.114	26.587	0.190	31.851	0.157	31.860	0.178	31.874	0.212	31.892	0.233
26.622	0.278	26.656	0.396	26.685	0.463	26.707	0.505	31.904	0.253	31.921	0.278	31.935	0.299	31.955	0.324
26.731	0.517	26.778	0.496	26.826	0.454	26.874	0.429	31.970	0.345	31.982	0.353	32.007	0.361	32.021	0.336
26.925	0.349	26.970	0.240	27.031	0.102	27.081	-0.008	32.038	0.311	32.045	0.290	32.049	0.281	32.058	0.222
27.147	-0.129	27.216	-0.226	27.279	-0.335	27.328	-0.385	32.066	0.264	32.077	0.256	32.089	0.230	32.099	0.273
27.371	-0.411	27.450	-0.423	27.500	-0.394	27.580	-0.335	32.111	0.209	32.129	0.196	32.144	0.201	32.160	0.192
27.646	-0.260	27.683	-0.126	27.737	-0.009	27.776	0.057	32.174	0.188	32.196	0.192	32.219	0.184	32.233	0.171
27.827	0.120	27.879	0.170	27.939	0.224	27.996	0.295	32.247	0.163	32.261	0.154	32.273	0.141	32.283	0.133
28.026	0.332	28.051	0.353	28.095	0.365	28.143	0.322	32.295	0.116	32.306	0.099	32.314	0.087	32.330	0.074
28.187	0.242	28.223	0.196	28.299	0.157	28.348	0.123	32.339	0.066	32.346	0.053	32.353	0.036	32.354	0.024
28.380	0.093	28.426	0.042	28.456	-0.042	28.486	-0.126	32.365	-0.006	32.379	-0.014	32.389	-0.031	32.400	-0.048
28.552	-0.227	28.556	-0.286	28.573	-0.303	28.616	-0.295	32.408	-0.065	32.427	-0.077	32.439	-0.090	32.445	-0.098
28.667	-0.291	28.713	-0.279	28.759	-0.287	28.829	-0.338	32.455	-0.111	32.459	-0.128	32.471	-0.153	32.478	-0.174
28.881	-0.300	28.921	-0.271	28.973	-0.129	29.022	-0.007	32.485	-0.199	32.498	-0.241	32.500	-0.245	32.505	-0.258
29.062	0.102	29.099	0.156	29.130	0.169	29.182	0.147	32.514	-0.275	32.518	-0.287	32.528	-0.300	32.533	-0.313
29.230	0.189	29.284	0.269	29.336	0.352	29.374	0.394	32.547	-0.329	32.563	-0.338	32.573	-0.338	32.582	-0.329
29.424	0.352	29.465	0.309	29.512	0.263	29.547	0.216	32.592	-0.325	32.603	-0.300	32.616	-0.296	32.622	-0.292
29.598	0.145	29.672	-0.020	29.734	-0.129	29.801	-0.193	32.637	-0.283	32.649	-0.275	32.658	-0.271	32.679	-0.262
29.863	-0.219	29.906	-0.244	29.970	-0.325	30.032	-0.388	32.693	-0.258	32.707	-0.262	32.720	-0.258	32.733	-0.233
30.058	-0.393	30.108	-0.376	30.160	-0.322	30.210	-0.217	32.741	-0.216	32.760	-0.195	32.762	-0.195	32.769	-0.174
30.288	-0.100	30.347	-0.004	30.406	0.067	30.451	0.180	32.783	-0.174	32.840	-0.174	32.857	-0.183	32.875	-0.191
30.513	0.289	30.544	0.309	30.546	0.309	30.575	0.322	32.892	-0.183	32.906	-0.187	32.927	-0.162	32.934	-0.132
30.599	0.330	30.618	0.322	30.641	0.322	30.648	0.322	32.989	-0.036	32.998	-0.006	33.003	0.023	33.008	0.040
30.662	0.317	30.675	0.313	30.696	0.309	30.712	0.309	33.017	0.048	33.025	0.065	33.032	0.082	33.034	0.103
30.724	0.309	30.738	0.313	30.751	0.313	30.762	0.313	33.039	0.111	33.045	0.120	33.046	0.145	33.048	0.153
30.775	0.313	30.793	0.309	30.805	0.304	30.808	0.304	33.062	0.162	33.072	0.187	33.083	0.195	33.093	0.199
30.820	0.292	30.826	0.283	30.864	0.245	30.876	0.229	33.104	0.203	33.118	0.199	33.130	0.195	33.135	0.191
30.877	0.224	30.879	0.220	30.883	0.212	30.895	0.195	33.144	0.174	33.153	0.169	33.161	0.165	33.170	0.157
30.903	0.178	30.910	0.178	30.921	0.174	30.931	0.157	33.175	0.148	33.186	0.140	33.201	0.127	33.221	0.106
30.938	0.153	30.953	0.136	30.957	0.128	30.962	0.127	33.233	0.110	33.247	0.110	33.262	0.110	33.271	0.105
30.969	0.119	30.974	0.106	30.983	0.102	30.993	0.094	33.278	0.101	33.297	0.114	33.310	0.118	33.320	0.143
30.997	0.090	31.000	0.073	31.003	0.064	31.007	0.060	33.329	0.151	33.343	0.180	33.351	0.201	33.362	0.239
31.009	0.052	31.016	0.043	31.021	0.039	31.029	0.026	33.372	0.247	33.379	0.260	33.400	0.285	33.416	0.297
31.038	0.014	31.043	0.005	31.052	-0.007	31.064	-0.004	33.435	0.301	33.451	0.293	33.460	0.276	33.470	0.255
31.073	-0.020	31.083	-0.037	31.090	-0.045	31.097	-0.054	33.477	0.238	33.487	0.217	33.491	0.204	33.496	0.192
31.102	-0.066	31.108	-0.079	31.113	-0.083	31.118	-0.100	33.500	0.175	33.501	0.166	33.514	0.145	33.522	0.116
31.121	-0.100	31.128	-0.104	31.134	-0.113	31.141	-0.121	33.527	0.103	33.534	0.070	33.543	0.057	33.548	0.032
31.148	-0.130	31.160	-0.134	31.181	-0.151	31.196	-0.168	33.557	0.006	33.568	-0.015	33.578	-0.036	33.589	-0.044
31.215	-0.173	31.231	-0.169	31.257	-0.169	31.268	-0.169	33.608	-0.053	33.624	-0.066	33.633	-0.066	33.654	-0.053
31.285	-0.174	31.288	-0.186	31.301	-0.216	31.308	-0.228	33.682	-0.053	33.701	-0.045	33.718	-0.028	33.738	-0.020
31.316	-0.241	31.327	-0.266	31.335	-0.288	31.348	-0.296								

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33.754	-0.004	33.771	0.017	33.796	0.025	33.808	0.008	36.600	-0.247	36.605	-0.255	36.620	-0.276	36.627	-0.297
33.820	-0.030	33.827	-0.059	33.838	-0.081	33.846	-0.106	36.639	-0.310	36.642	-0.314	36.654	-0.331	36.660	-0.340
33.855	-0.127	33.857	-0.140	33.871	-0.182	33.878	-0.195	36.670	-0.348	36.678	-0.345	36.690	-0.365	36.702	-0.361
33.883	-0.207	33.887	-0.224	33.894	-0.245	33.906	-0.250	36.716	-0.349	36.730	-0.345	36.742	-0.332	36.755	-0.316
33.922	-0.262	33.943	-0.263	33.962	-0.251	33.971	-0.251	36.766	-0.303	36.778	-0.282	36.786	-0.262	36.800	-0.241
33.987	-0.226	33.997	-0.197	34.004	-0.193	34.016	-0.163	36.810	-0.224	36.819	-0.207	36.829	-0.187	36.846	-0.183
34.027	-0.130	34.032	-0.130	34.039	-0.092	34.048	-0.084	36.860	-0.166	36.868	-0.166	36.877	-0.141	36.889	-0.141
34.059	-0.063	34.074	-0.038	34.088	-0.026	34.107	-0.022	36.908	-0.120	36.928	-0.116	36.949	-0.117	36.978	-0.113
34.125	-0.039	34.137	-0.056	34.148	-0.078	34.160	-0.099	36.998	-0.105	37.019	-0.076	37.033	-0.055	37.044	-0.043
34.170	-0.112	34.183	-0.133	34.193	-0.150	34.205	-0.171	37.060	-0.018	37.065	-0.001	37.075	-0.020	37.082	0.037
34.216	-0.175	34.237	-0.180	34.254	-0.172	34.265	-0.155	37.094	0.062	37.096	0.066	37.108	0.074	37.120	0.099
34.277	-0.143	34.289	-0.135	34.303	-0.106	34.312	-0.081	37.130	0.124	37.143	0.136	37.151	0.153	37.161	0.170
34.321	-0.051	34.330	-0.035	34.338	-0.018	34.351	0.024	37.177	0.182	37.187	0.194	37.198	0.207	37.210	0.215
34.368	0.078	34.375	0.112	34.394	0.145	34.408	0.170	37.220	0.223	37.237	0.240	37.258	0.239	37.280	0.239
34.421	0.178	34.440	0.178	34.452	0.157	34.473	0.127	37.299	0.234	37.318	0.230	37.344	0.234	37.366	0.233
34.482	0.081	34.492	0.060	34.508	0.035	34.520	0.018	37.382	0.246	37.392	0.266	37.406	0.275	37.418	0.283
34.538	0.001	34.559	-0.021	34.582	-0.017	34.604	0.021	37.428	0.283	37.437	0.287	37.452	0.286	37.466	0.269
34.600	0.154	34.669	0.188	34.685	0.221	34.693	0.246	37.480	0.261	37.488	0.240	37.509	0.218	37.514	0.201
34.706	0.267	34.716	0.284	34.725	0.301	34.741	0.317	37.523	0.193	37.536	0.167	37.555	0.150	37.567	0.125
34.755	0.317	34.762	0.296	34.776	0.275	34.781	0.258	37.576	0.104	37.586	0.091	37.602	0.061	37.619	0.044
34.791	0.237	34.802	0.203	34.810	0.190	34.817	0.161	37.642	0.027	37.666	0.006	37.680	0.001	37.694	-0.007
34.830	0.140	34.837	0.127	34.844	0.106	34.854	0.085	37.714	-0.020	37.721	-0.033	37.747	-0.029	37.771	-0.042
34.870	0.064	34.891	0.047	34.908	0.034	34.929	0.025	37.797	-0.047	37.816	-0.064	37.846	-0.064	37.860	-0.077
34.948	0.025	34.968	0.046	34.983	0.054	34.997	0.067	37.875	-0.098	37.901	-0.115	37.915	-0.124	37.943	-0.133
35.017	0.096	35.031	0.104	35.058	0.116	35.081	0.103	37.955	-0.154	37.970	-0.167	37.984	-0.180	38.000	-0.185
35.102	0.082	35.116	0.074	35.119	0.052	35.130	0.023	38.005	-0.197	38.027	-0.206	38.041	-0.219	38.051	-0.223
35.142	0.002	35.149	-0.032	35.163	-0.057	35.170	-0.091	38.064	-0.232	38.081	-0.236	38.096	-0.245	38.114	-0.245
35.184	-0.125	35.193	-0.154	35.200	-0.184	35.208	-0.217	38.129	-0.229	38.143	-0.221	38.159	-0.213	38.171	-0.205
35.220	-0.255	35.231	-0.289	35.250	-0.319	35.271	-0.332	38.219	-0.160	38.226	-0.151	38.235	-0.143	38.245	-0.131
35.288	-0.328	35.313	-0.324	35.332	-0.299	35.348	-0.278	38.254	-0.123	38.261	-0.119	38.275	-0.115	38.292	-0.098
35.362	-0.258	35.374	-0.228	35.381	-0.212	35.395	-0.191	38.304	-0.094	38.323	-0.082	38.341	-0.078	38.353	-0.070
35.403	-0.166	35.423	-0.162	35.436	-0.146	35.456	-0.137	38.372	-0.062	38.391	-0.054	38.406	-0.055	38.424	-0.051
35.484	-0.134	35.499	-0.159	35.513	-0.180	35.527	-0.206	38.441	-0.043	38.453	-0.035	38.460	-0.026	38.467	-0.022
35.534	-0.219	35.538	-0.227	35.541	-0.231	35.567	-0.232	38.474	-0.010	38.484	0.003	38.495	0.023	38.505	0.027
35.588	-0.224	35.605	-0.203	35.622	-0.157	35.633	-0.132	38.515	0.036	38.526	0.040	38.533	0.044	38.545	0.060
35.645	-0.107	35.659	-0.074	35.665	-0.053	35.678	-0.015	38.554	0.069	38.564	0.081	38.573	0.089	38.587	0.093
35.685	0.001	35.693	0.014	35.702	0.026	35.707	0.051	38.594	0.106	38.606	0.110	38.620	0.118	38.628	0.122
35.714	0.076	35.721	0.089	35.733	0.118	35.743	0.143	38.644	0.139	38.661	0.143	38.682	0.147	38.705	0.138
35.750	0.164	35.762	0.193	35.771	0.210	35.783	0.222	38.727	0.121	38.745	0.112	38.762	0.100	38.771	0.099
35.802	0.260	35.811	0.260	35.835	0.272	35.847	0.280	38.791	0.091	38.814	0.099	38.837	0.103	38.849	0.107
35.861	0.284	35.888	0.283	35.902	0.283	35.920	0.295	38.864	0.115	38.877	0.124	38.890	0.132	38.908	0.144
35.939	0.316	35.959	0.324	35.978	0.332	35.992	0.345	38.982	0.093	38.998	0.076	39.008	0.051	39.021	0.022
36.016	0.344	36.027	0.344	36.044	0.348	36.053	0.360	39.040	0.000	39.050	-0.016	39.066	-0.029	39.080	-0.059
36.067	0.373	36.089	0.372	36.104	0.364	36.118	0.351	39.101	-0.067	39.120	-0.076	39.142	-0.076	39.170	-0.072
36.137	0.334	36.142	0.326	36.156	0.304	36.164	0.292	39.189	-0.056	39.205	-0.048	39.217	-0.044	39.231	-0.031
36.176	0.283	36.183	0.262	36.190	0.254	36.198	0.233	39.247	-0.023	39.263	-0.019	39.278	-0.023	39.290	-0.028
36.209	0.216	36.216	0.203	36.217	0.182	36.224	0.176	39.310	-0.045	39.318	-0.057	39.332	-0.070	39.350	-0.087
36.228	0.152	36.236	0.140	36.243	0.119	36.252	0.106	39.363	-0.096	39.372	-0.100	39.391	-0.104	39.404	-0.104
36.255	0.081	36.265	0.064	36.270	0.055	36.276	0.043	39.421	-0.096	39.433	-0.088	39.442	-0.076	39.461	-0.063
36.284	0.026	36.291	0.009	36.303	-0.008	36.313	-0.021	39.468	-0.059	39.480	-0.051	39.496	-0.038	39.506	-0.030
36.325	-0.029	36.334	-0.046	36.343	-0.063	36.358	-0.080	39.518	-0.013	39.524	0.007	39.538	0.015	39.551	0.016
36.377	-0.084	36.387	-0.093	36.409	-0.097	36.428	-0.098	39.558	0.020	39.578	0.024	39.586	0.015	39.602	0.007
36.451	-0.106	36.469	-0.111	36.485	-0.115	36.502	-0.120	39.616	-0.096	39.630	-0.010	39.637	-0.015	39.649	-0.027
36.512	-0.128	36.538	-0.149	36.548	-0.166	36.559	-0.171	39.665	-0.036	39.670	-0.032	39.694	-0.028	39.722	-0.016
36.569	-0.179	36.576	-0.196	36.594	-0.209	36.589	-0.226								

39.734	-0.007	39.741	-0.007	39.754	0.005	39.768	0.017	43.554	0.038	43.565	0.029	43.579	0.025	43.596	0.016
39.781	0.026	39.797	0.038	39.825	0.042	39.837	0.042	43.611	0.008	43.635	0.003	43.656	-0.001	43.675	-0.010
39.860	0.046	39.884	0.028	39.907	0.032	39.923	0.036	43.690	-0.010	43.704	-0.018	43.730	-0.023	43.747	-0.027
39.938	0.040	39.961	0.048	39.982	0.052	39.999	0.048	43.765	-0.032	43.792	-0.036	43.813	-0.049	43.837	-0.062
40.020	0.043	40.039	0.030	40.053	0.030	40.078	0.042	43.854	-0.075	43.877	-0.075	43.902	-0.075	43.926	-0.072
40.102	0.050	40.116	0.054	40.127	0.058	40.148	0.062	43.945	-0.068	43.968	-0.064	43.994	-0.056	44.013	-0.043
40.169	0.054	40.174	0.049	40.195	0.041	40.209	0.040	44.030	-0.035	44.051	-0.031	44.071	-0.023	44.089	-0.011
40.228	0.058	40.251	0.019	40.263	0.019	40.270	0.014	44.108	0.010	44.132	0.014	44.151	0.013	44.167	0.009
40.291	0.018	40.310	0.026	40.323	0.034	40.342	0.038	44.189	0.008	44.207	0.012	44.221	0.016	44.241	0.020
40.363	0.050	40.377	0.054	40.393	0.054	40.412	0.058	44.259	0.032	44.273	0.040	44.290	0.053	44.304	0.057
40.428	0.061	40.447	0.061	40.459	0.061	40.480	0.056	44.321	0.056	44.332	0.073	44.359	0.072	44.370	0.064
40.491	0.048	40.498	0.039	40.508	0.022	40.529	0.009	44.380	0.055	44.391	0.055	44.411	0.051	44.424	0.038
40.545	0.000	40.561	-0.008	40.586	-0.001	40.601	0.003	44.443	0.033	44.456	0.029	44.463	0.020	44.477	0.024
40.623	0.011	40.644	0.019	40.667	0.036	40.688	0.039	44.488	0.028	44.495	0.028	44.519	0.040	44.535	0.044
40.706	0.047	40.729	0.059	40.744	0.067	40.774	0.058	44.552	0.052	44.575	0.052	44.590	0.051	44.606	0.043
40.796	0.041	40.817	0.032	40.840	0.028	40.863	0.031	44.625	0.034	44.641	0.017	44.665	0.008	44.688	-0.005
40.889	0.022	40.917	0.009	40.926	0.000	40.949	0.008	44.707	-0.014	44.721	-0.026	44.735	-0.031	44.756	-0.031
40.970	0.008	40.993	0.007	41.016	0.007	41.039	0.006	44.778	-0.032	44.789	-0.028	44.808	-0.020	44.822	-0.012
41.059	-0.002	41.089	-0.007	41.094	-0.016	41.110	-0.025	44.838	-0.008	44.850	-0.001	44.867	-0.004	44.888	0.004
41.129	-0.025	41.154	-0.030	41.166	-0.030	41.183	-0.034	44.904	-0.000	44.921	-0.009	44.937	-0.018	44.951	-0.018
41.203	-0.035	41.219	-0.039	41.231	-0.048	41.245	-0.065	44.972	-0.019	44.974	-0.014	44.987	-0.015	45.008	-0.011
41.264	-0.074	41.284	-0.079	41.301	-0.075	41.312	-0.071	45.031	-0.003	45.050	0.014	45.069	0.026	45.076	0.034
41.329	-0.067	41.347	-0.063	41.363	-0.055	41.377	-0.047	45.099	0.034	45.111	0.042	45.132	0.046	45.155	0.045
41.393	-0.043	41.412	-0.039	41.435	-0.035	41.460	-0.036	45.183	0.040	45.204	0.027	45.223	0.023	45.241	0.010
41.474	-0.049	41.495	-0.062	41.512	-0.075	41.532	-0.038	45.260	0.010	45.281	0.009	45.300	0.009	45.323	0.013
41.546	-0.088	41.568	-0.084	41.588	-0.076	41.580	-0.068	45.339	0.021	45.363	0.029	45.386	0.029	45.402	0.041
41.593	-0.064	41.601	-0.055	41.608	-0.043	41.617	-0.035	45.412	0.041	45.433	0.033	45.442	0.062	45.458	0.070
41.631	-0.027	41.651	-0.014	41.664	-0.010	41.683	-0.006	45.468	0.074	45.491	0.078	45.503	0.078	45.520	0.094
41.703	0.002	41.712	0.001	41.731	0.001	41.745	0.005	45.538	0.086	45.552	0.081	45.575	0.064	45.590	0.056
41.762	-0.004	41.776	-0.008	41.790	-0.013	41.809	-0.004	45.610	0.039	45.626	0.034	45.645	0.026	45.659	0.013
41.825	0.004	41.842	0.008	41.857	0.012	41.871	0.016	45.678	0.004	45.699	-0.008	45.717	-0.017	45.734	-0.017
41.892	0.024	41.911	0.040	41.925	0.052	41.941	0.069	45.762	-0.009	45.792	-0.005	45.804	-0.005	45.825	0.007
41.954	0.077	41.988	0.085	41.991	0.097	42.010	0.118	45.843	0.007	45.862	0.002	45.876	0.010	45.893	0.023
42.038	0.118	42.058	0.113	42.087	0.117	42.115	0.112	45.895	-0.040	45.909	-0.044	45.920	-0.053	45.930	-0.061
42.132	0.116	42.147	0.107	42.163	0.115	42.177	0.119	45.948	-0.079	45.965	-0.083	45.981	-0.091	46.004	-0.092
42.195	0.127	42.216	0.131	42.235	0.135	42.249	0.139	46.021	-0.079	46.039	-0.067	46.048	-0.063	46.056	-0.050
42.276	0.138	42.291	0.125	42.310	0.117	42.319	0.104	46.067	-0.046	46.079	-0.034	46.088	-0.034	46.102	-0.030
42.333	0.099	42.341	0.091	42.362	0.078	42.381	0.065	46.128	-0.030	46.140	-0.039	46.151	-0.043	46.161	-0.056
42.398	0.048	42.410	0.039	42.434	0.018	42.449	0.005	46.184	-0.069	46.193	-0.086	46.200	-0.094	46.217	-0.107
42.463	-0.008	42.478	-0.025	42.504	-0.034	42.538	-0.035	46.224	-0.116	46.247	-0.120	46.266	-0.129	46.282	-0.125
42.552	-0.044	42.566	-0.052	42.588	-0.061	42.609	-0.062	46.305	-0.121	46.317	-0.109	46.333	-0.100	46.340	-0.092
42.621	-0.062	42.646	-0.071	42.663	-0.076	42.684	-0.076	46.349	-0.084	46.365	-0.076	46.372	-0.055	46.384	-0.047
42.703	-0.081	42.730	-0.090	42.737	-0.098	42.759	-0.099	46.403	-0.039	46.412	-0.035	46.424	-0.026	46.442	-0.018
42.773	-0.107	42.792	-0.108	42.807	-0.117	42.826	-0.117	46.459	-0.023	46.480	-0.031	46.499	-0.036	46.515	-0.044
42.838	-0.117	42.855	-0.118	42.866	-0.109	42.878	-0.118	46.541	-0.045	46.561	-0.045	46.575	-0.041	46.583	-0.041
42.888	-0.123	42.902	-0.135	42.917	-0.136	42.934	-0.124	46.606	-0.033	46.624	-0.016	46.639	0.004	46.646	0.025
42.953	-0.111	42.961	-0.103	42.970	-0.095	42.979	-0.078	46.655	0.033	46.667	0.046	46.685	0.058	46.702	0.071
42.987	-0.070	42.997	-0.054	43.011	-0.045	43.025	-0.029	46.725	0.083	46.741	0.087	46.762	0.091	46.786	0.086
43.045	-0.025	43.061	-0.004	43.069	0.000	43.086	0.004	46.811	0.082	46.821	0.073	46.851	0.069	46.879	0.073
43.107	0.004	43.128	0.008	43.146	0.012	43.162	0.012	46.890	0.072	46.905	0.076	46.932	0.080	46.949	0.084
43.174	0.012	43.188	0.016	43.201	0.016	43.217	0.011	46.967	0.092	46.984	0.101	47.002	0.113	47.023	0.113
43.237	0.011	43.251	0.019	43.265	0.019	43.285	0.027	47.044	0.108	47.061	0.100	47.080	0.087	47.099	0.078
43.304	0.036	43.318	0.040	43.332	0.052	43.342	0.056	47.113	0.065	47.124	0.048	47.138	0.031	47.157	0.014
43.350	0.060	43.368	0.069	43.386	0.077	43.404	0.077	47.171	0.002	47.178	-0.007	47.192	-0.011	47.211	-0.028
43.424	0.072	43.441	0.072	43.458	0.072	43.470	0.068	47.236	-0.033	47.260	-0.029	47.281	-0.025	47.304	-0.025
43.486	0.068	43.496	0.063	43.520	0.059	43.534	0.050	47.325	-0.026	47.353	-0.039	47.372	-0.048	47.386	-0.056

47.407	-0.065	47.435	-0.066	47.442	-0.066	47.462	-0.066	51.622	-0.020	51.641	-0.024	51.662	-0.012	51.687	0.000
47.480	-0.058	47.497	-0.054	47.511	-0.046	47.532	-0.034	51.701	0.000	51.718	0.007	51.732	0.012	51.741	0.012
47.539	-0.034	47.560	-0.022	47.571	-0.018	47.584	-0.010	51.775	0.012	51.798	0.004	51.801	0.003	51.831	-0.010
47.611	-0.002	47.637	-0.002	47.657	-0.007	47.680	-0.012	51.850	-0.023	51.866	-0.040	51.873	-0.052	51.888	-0.057
47.696	-0.004	47.708	0.005	47.723	0.017	47.737	0.033	51.916	-0.057	51.944	-0.045	51.954	-0.032	51.972	-0.024
47.751	0.042	47.763	0.054	47.783	0.062	47.791	0.066	51.988	-0.016	52.000	-0.004	52.021	0.005	52.038	0.009
47.805	0.078	47.817	0.091	47.833	0.099	47.845	0.111	52.059	0.008	52.074	0.008	52.095	0.004	52.116	-0.001
47.859	0.111	47.882	0.098	47.904	0.085	47.930	0.063	52.128	-0.019	52.154	-0.010	52.187	0.002	52.203	0.006
47.956	0.063	47.979	0.062	47.995	0.058	48.012	0.058	52.232	0.018	52.250	0.043	52.269	0.052	52.284	0.064
48.026	0.057	48.043	0.049	48.069	0.048	48.100	0.056	52.290	0.068	52.302	0.076	52.317	0.089	52.338	0.097
48.128	0.060	48.143	0.055	48.164	0.051	48.181	0.047	52.355	0.074	52.378	0.092	52.394	0.087	52.409	0.079
48.195	0.038	48.209	0.033	48.228	0.036	48.250	0.003	52.428	0.074	52.456	0.074	52.479	0.082	52.498	0.086
48.276	0.003	48.291	-0.001	48.303	-0.006	48.322	-0.014	52.517	0.098	52.543	0.102	52.562	0.101	52.588	0.093
48.329	-0.015	48.352	-0.019	48.372	-0.019	48.391	-0.024	52.607	0.080	52.631	0.067	52.664	0.066	52.685	0.061
48.407	-0.033	48.433	-0.033	48.451	-0.037	48.476	-0.038	52.701	0.057	52.722	0.048	52.739	0.035	52.748	0.026
48.512	-0.038	48.536	-0.039	48.565	-0.039	48.584	-0.027	52.762	0.017	52.784	0.017	52.812	0.020	52.829	0.012
48.608	-0.023	48.641	-0.019	48.666	-0.020	48.687	-0.021	52.859	0.001	52.880	0.023	52.899	0.018	52.919	0.005
48.701	-0.013	48.725	-0.029	48.744	-0.025	48.759	-0.021	52.922	-0.017	53.076	-0.034	53.022	-0.043	53.031	-0.043
48.855	0.011	48.869	0.024	48.881	0.036	48.902	0.044	53.041	-0.048	53.071	-0.052	53.145	-0.041	53.159	-0.037
48.931	0.048	48.952	0.048	48.971	0.052	48.991	0.052	53.121	-0.045	53.137	-0.045	53.211	-0.022	53.227	-0.018
49.012	0.052	49.038	0.051	49.064	0.047	49.090	0.030	53.177	-0.029	53.194	-0.014	53.281	-0.015	53.283	-0.019
49.105	0.025	49.117	0.021	49.135	0.017	49.162	-0.000	53.246	-0.014	53.262	-0.014	53.316	-0.028	53.360	-0.028
49.190	-0.001	49.213	0.007	49.232	0.016	49.266	0.028	53.300	-0.023	53.359	-0.020	53.371	-0.033	53.387	-0.034
49.287	0.023	49.308	0.006	49.325	-0.002	49.344	-0.015	53.406	-0.030	53.416	-0.030	53.422	-0.022	53.435	-0.006
49.356	-0.019	49.365	-0.028	49.386	-0.041	49.400	-0.045	53.448	0.003	53.462	0.011	53.472	0.014	53.479	0.015
49.417	-0.054	49.434	-0.062	49.462	-0.054	49.497	-0.054	53.486	0.022	53.496	0.035	53.510	0.047	53.521	0.055
49.506	-0.046	49.528	-0.046	49.542	-0.047	49.554	-0.042	53.531	0.059	53.545	0.063	53.552	0.071	53.564	0.066
49.568	-0.038	49.582	-0.039	49.592	-0.022	49.622	-0.026	53.573	0.062	53.592	0.061	53.609	0.053	53.630	0.044
49.649	-0.031	49.663	-0.039	49.684	-0.040	49.696	-0.040	53.651	0.035	53.666	0.026	53.689	0.025	53.712	0.025
49.710	-0.048	49.726	-0.053	49.740	-0.061	49.760	-0.066	53.720	0.016	53.741	0.007	53.772	0.011	53.788	0.006
49.780	-0.062	49.802	-0.054	49.826	-0.041	49.837	-0.033	53.809	0.006	53.833	0.006	53.856	0.009	53.871	0.005
49.849	-0.021	49.865	-0.008	49.880	0.000	49.901	0.012	53.892	0.005	53.906	0.003	53.923	0.004	53.941	0.004
49.920	0.020	49.930	0.029	49.939	0.033	49.962	0.036	53.956	0.004	53.977	-0.014	54.064	-0.019	54.081	-0.019
49.982	0.032	50.008	0.035	50.022	0.035	50.040	0.031	54.026	-0.002	54.045	-0.014	54.135	-0.041	54.157	-0.037
50.064	0.030	50.079	0.026	50.092	0.017	50.105	0.012	54.183	-0.046	54.206	-0.036	54.218	-0.046	54.235	-0.034
50.119	0.008	50.140	0.007	50.156	0.024	50.175	0.032	54.245	-0.034	54.263	-0.030	54.278	-0.026	54.302	-0.026
50.195	0.040	50.206	0.052	50.223	0.069	50.240	0.073	54.330	-0.035	54.349	-0.048	54.368	-0.056	54.392	-0.065
50.261	0.076	50.283	0.080	50.304	0.071	50.322	0.067	54.425	-0.057	54.447	-0.058	54.472	-0.025	54.477	-0.025
50.341	0.062	50.354	0.053	50.370	0.032	50.387	0.023	54.491	-0.012	54.508	0.004	54.525	0.012	54.542	0.016
50.403	0.010	50.420	0.002	50.444	0.001	50.462	0.001	54.558	0.020	54.575	0.019	54.598	0.019	54.622	0.014
50.475	-0.004	50.494	0.000	50.522	0.004	50.536	0.012	54.648	0.001	54.667	-0.003	54.695	-0.017	54.726	-0.013
50.557	0.012	50.569	0.003	50.590	0.007	50.609	0.019	54.748	-0.010	54.780	0.002	54.807	0.014	54.835	0.022
50.640	0.018	50.652	0.010	50.668	0.001	50.678	-0.003	54.864	0.025	54.899	0.020	54.925	0.003	54.939	-0.010
50.701	-0.008	50.715	-0.017	50.739	-0.022	50.767	-0.026	54.954	-0.019	54.967	-0.028	54.989	-0.045	55.017	-0.046
50.791	-0.027	50.807	-0.027	50.826	-0.015	50.845	-0.011	55.048	-0.038	55.064	-0.022	55.083	-0.014	55.099	0.007
50.862	-0.008	50.882	-0.016	50.899	-0.025	50.918	-0.034	55.113	0.023	55.141	0.031	55.163	0.022	55.188	0.013
50.934	-0.039	50.962	-0.035	50.982	-0.035	51.007	-0.036	55.205	-0.006	55.219	0.004	55.258	0.003	55.275	-0.006
51.029	-0.032	51.050	-0.024	51.059	-0.020	51.083	-0.016	55.281	-0.006	55.304	-0.026	55.330	-0.011	55.363	0.001
51.099	-0.021	51.120	-0.013	51.136	-0.009	51.157	-0.009	55.380	0.009	55.394	0.026	55.408	0.026	55.436	0.042
51.174	0.003	51.193	0.007	51.211	0.010	51.237	0.018	55.457	0.041	55.489	0.041	55.510	0.028	55.533	0.024
51.253	0.018	51.275	0.030	51.303	0.021	51.322	0.012	55.554	0.003	55.573	0.005	55.608	-0.001	55.639	-0.002
51.336	0.012	51.350	0.016	51.370	0.024	51.387	0.036	55.673	0.007	55.706	0.015	55.739	0.011	55.769	-0.002
51.406	0.044	51.424	0.039	51.446	0.043	51.457	0.057	55.788	-0.015	55.805	-0.027	55.823	-0.044	55.842	-0.040
51.476	0.055	51.504	0.050	51.511	0.042	51.530	0.024								
51.544	0.012	51.567	-0.002	51.588	-0.010	51.600	-0.019								

55.853	-0.036	55.875	-0.040	55.889	-0.044	55.909	-0.040	60.874	-0.052	60.896	-0.065	60.922	-0.065	60.954	-0.057
55.930	-0.036	55.945	-0.036	55.966	-0.032	55.980	-0.033	60.971	-0.061	60.990	-0.068	61.007	-0.062	61.032	-0.008
56.001	-0.015	56.017	-0.011	56.029	-0.011	56.055	-0.016	61.049	-0.000	61.056	-0.008	61.094	-0.003	61.123	-0.006
56.071	-0.016	56.085	-0.016	56.094	-0.020	56.113	-0.029	61.139	-0.010	61.159	-0.011	61.187	-0.016	61.227	-0.016
56.127	-0.033	56.146	-0.033	56.155	-0.029	56.169	-0.025	61.254	-0.013	61.280	-0.005	61.303	-0.003	61.337	0.006
56.181	-0.021	56.195	-0.013	56.203	-0.013	56.217	-0.005	61.363	-0.014	61.380	-0.013	61.405	-0.021	61.425	0.028
56.233	0.004	56.252	0.012	56.276	0.024	56.290	0.036	61.443	0.036	61.453	0.040	61.488	0.043	61.524	0.046
56.299	0.036	56.308	0.049	56.323	0.057	56.344	0.056	61.548	0.049	61.567	0.053	61.601	0.055	61.626	0.059
56.363	0.060	56.390	0.056	56.405	0.055	56.424	0.057	61.636	0.062	61.653	0.058	61.688	0.057	61.719	0.048
56.431	0.051	56.459	0.055	56.484	0.050	56.511	0.034	61.736	0.067	61.751	0.039	61.779	0.034	61.812	0.029
56.532	0.050	56.546	0.041	56.567	0.037	56.585	0.032	61.846	0.007	61.884	0.003	61.905	0.003	61.926	-0.006
56.607	0.028	56.627	0.023	56.649	0.019	56.677	0.014	61.944	-0.018	61.977	-0.014	62.008	-0.010	62.027	-0.015
56.712	0.022	56.731	0.022	56.752	0.026	56.780	0.030	62.069	-0.002	62.109	-0.006	62.131	-0.002	62.159	0.011
56.807	0.038	56.838	0.046	56.857	0.041	56.886	0.045	62.306	0.011	62.331	0.023	62.365	0.027	62.395	0.019
56.889	0.037	56.910	0.032	56.936	0.032	56.957	0.037	62.409	0.019	62.437	0.002	62.457	-0.006	62.499	0.002
56.983	0.035	57.013	0.039	57.035	0.051	57.065	0.056	62.530	0.002	62.582	0.002	62.619	0.010	62.673	0.002
57.091	0.050	57.110	0.049	57.128	0.057	57.155	0.051	62.727	0.009	62.755	-0.008	62.778	-0.008	62.819	-0.025
57.201	0.060	57.231	0.058	57.264	0.066	57.285	0.061	62.844	-0.018	62.877	-0.010	62.896	-0.002	62.936	-0.003
57.314	0.060	57.342	0.059	57.370	0.054	57.398	0.053	63.125	0.007	63.162	0.015	63.191	0.026	63.217	0.046
57.424	0.053	57.450	0.065	57.483	0.064	57.504	0.059	63.253	0.066	63.256	0.043	63.322	0.038	63.358	0.053
57.525	0.042	57.551	0.025	57.564	0.012	57.583	0.007	63.355	0.046	63.429	0.030	63.453	0.025	63.491	0.032
57.597	0.002	57.619	0.006	57.645	0.018	57.666	0.018	63.521	0.032	63.541	0.026	63.569	0.025	63.607	0.033
57.692	0.013	57.717	0.025	57.738	0.033	57.757	0.032	63.645	0.032	63.679	0.022	63.696	0.018	63.741	0.004
57.793	0.023	57.814	0.014	57.830	0.014	57.858	0.022	63.780	-0.006	63.835	-0.024	63.882	-0.025	63.925	-0.022
57.885	0.008	57.906	-0.009	57.913	-0.013	57.955	-0.006	63.964	-0.011	63.994	-0.019	64.021	-0.023	64.043	-0.032
58.044	0.009	58.063	0.009	58.091	-0.015	58.031	-0.003	64.138	-0.013	64.158	-0.004	64.177	-0.013	64.198	-0.009
58.147	-0.018	58.157	-0.022	58.190	-0.040	58.124	-0.001	64.210	0.003	64.232	0.007	64.246	0.002	64.253	0.010
58.234	-0.062	58.265	-0.054	58.281	-0.054	58.303	-0.042	64.268	0.014						
58.331	-0.030	58.356	-0.026	58.377	-0.013	58.401	-0.005								
58.432	0.003	58.460	-0.010	58.485	-0.015	58.509	-0.028								
58.544	-0.045	58.572	-0.041	58.608	-0.042	58.628	-0.043								
58.652	-0.030	58.669	-0.027	58.685	-0.018	58.709	-0.002								
58.736	-0.003	58.770	-0.008	58.793	-0.013	58.821	-0.014								
58.845	-0.015	58.864	-0.011	58.896	-0.004	58.913	-0.004								
58.936	-0.009	58.948	-0.010	58.965	-0.002	58.997	0.009								
59.012	0.017	59.026	0.025	59.054	0.032	59.066	0.032								
59.087	0.031	59.109	0.026	59.139	0.025	59.153	0.025								
59.163	0.020	59.180	0.011	59.206	0.006	59.227	0.010								
59.243	0.009	59.262	0.009	59.281	0.016	59.293	0.016								
59.309	0.007	59.329	0.002	59.357	0.002	59.376	-0.003								
59.407	-0.017	59.442	-0.026	59.463	-0.023	59.478	-0.027								
59.499	-0.036	59.520	-0.041	59.532	-0.054	59.579	-0.051								
59.587	-0.055	59.613	-0.056	59.644	-0.060	59.677	-0.048								
59.708	-0.032	59.739	-0.033	59.767	-0.033	59.794	-0.030								
59.824	-0.018	59.858	-0.011	59.870	-0.012	59.898	0.000								
59.919	0.004	59.948	0.007	59.969	0.010	59.993	0.014								
60.021	0.021	60.036	0.025	60.055	0.033	60.076	0.037								
60.105	0.040	60.131	0.052	60.149	0.051	60.182	0.063								
60.218	0.050	60.256	0.032	60.278	0.036	60.299	0.040								
60.323	0.039	60.349	0.047	60.358	0.047	60.377	0.047								
60.394	0.051	60.412	0.059	60.426	0.063	60.460	0.066								
60.488	0.057	60.507	0.048	60.521	0.039	60.543	0.021								
60.578	0.008	60.602	-0.014	60.625	-0.015	60.638	-0.011								
60.664	-0.008	60.699	-0.001	60.734	0.010	60.763	0.005								
60.789	-0.004	60.812	-0.013	60.820	-0.022	60.851	-0.039								

IE077
71L058 2/9/71 060CPST L.A. 3470 WILSHIRE BLVD. 11TH FL. DOWN

3086 POINTS 64.287 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1419 G/10.

[illegible]

3.993	0.295	4.035	0.434	4.071	0.187	4.099	-0.010	9.047	-0.106	9.077	-0.392	9.106	-0.056	9.120	0.142
4.129	0.234	4.153	0.318	4.170	0.126	4.188	-0.214	9.150	0.558	9.178	0.306	9.219	-0.126	9.230	-0.151
4.212	-0.844	4.245	-0.432	4.262	-0.230	4.275	-0.024	9.256	0.117	9.296	0.504	9.320	0.269	9.343	0.093
4.297	0.228	4.323	0.002	4.344	-0.308	4.365	-0.053	9.372	0.273	9.402	0.441	9.442	0.307	9.462	0.165
4.379	0.415	4.398	0.650	4.419	0.302	4.435	-0.072	9.480	0.047	9.497	0.087	9.516	0.005	9.537	0.052
4.450	-0.281	4.468	-0.541	4.490	-0.407	4.523	-0.192	9.560	-0.053	9.603	-0.112	9.638	0.141	9.677	0.002
4.553	-0.368	4.586	-0.561	4.612	-0.254	4.619	-0.015	9.707	0.061	9.740	0.120	9.774	-0.002	9.805	-0.186
4.633	0.288	4.650	0.477	4.671	0.280	4.685	0.024	9.833	-0.056	9.854	0.036	9.882	-0.081	9.920	-0.245
4.706	-0.425	4.737	-0.110	4.746	0.222	4.760	0.570	9.946	-0.102	9.972	0.104	9.999	-0.060	10.031	-0.211
4.775	1.016	4.802	0.646	4.824	0.306	4.824	0.290	10.084	-0.135	10.090	-0.135	10.107	-0.219	10.124	-0.237
4.849	0.319	4.866	0.198	4.885	-0.079	4.892	-0.327	10.149	-0.182	10.184	0.102	10.234	-0.232	10.229	0.400
4.906	-0.554	4.922	-0.659	4.943	-0.474	4.953	-0.234	10.246	-0.236	10.262	-0.064	10.281	0.075	10.293	0.088
4.974	0.089	4.986	0.241	4.998	0.123	5.028	0.300	10.309	-0.009	10.328	-0.143	10.344	-0.236	10.363	-0.252
5.047	0.354	5.070	0.308	5.087	0.531	5.101	0.783	10.390	-0.189	10.415	-0.118	10.439	-0.025	10.476	-0.051
5.115	0.712	5.125	0.536	5.160	0.221	5.161	-0.136	10.510	-0.076	10.535	0.017	10.564	0.109	10.585	0.092
5.175	-0.363	5.199	-0.457	5.224	-0.308	5.231	-0.127	10.620	0.105	10.646	0.038	10.668	-0.033	10.696	-0.134
5.244	0.050	5.258	0.247	5.277	0.331	5.295	0.201	10.724	-0.008	10.746	0.143	10.781	0.013	10.814	-0.125
5.312	0.079	5.328	-0.072	5.355	-0.013	5.385	-0.037	10.840	-0.008	10.864	0.122	10.895	-0.046	10.931	-0.218
5.405	0.084	5.418	0.240	5.426	0.387	5.444	0.488	10.957	-0.100	10.985	0.038	10.997	0.034	11.025	-0.092
5.457	0.345	5.468	0.215	5.480	-0.024	5.502	-0.309	11.061	-0.226	11.061	-0.378	11.090	-0.247	11.104	-0.130
5.523	-0.099	5.537	0.044	5.563	0.258	5.587	0.027	11.130	-0.008	11.150	-0.038	11.179	0.088	11.191	0.122
5.601	-0.191	5.621	-0.456	5.650	-0.284	5.681	-0.045	11.229	0.050	11.255	0.013	11.280	0.059	11.291	0.063
5.697	-0.200	5.710	-0.317	5.724	-0.485	5.748	-0.351	11.310	-0.000	11.330	-0.042	11.349	-0.118	11.371	-0.046
5.765	-0.234	5.781	-0.061	5.789	0.119	5.808	0.308	11.393	0.122	11.407	0.227	11.421	0.353	11.436	0.453
5.824	0.170	5.836	0.048	5.858	-0.129	5.867	-0.271	11.453	0.071	11.474	0.449	11.496	0.210	11.515	0.172
5.880	-0.082	5.885	0.123	5.908	0.405	5.923	0.275	11.534	0.071	11.561	0.151	11.582	0.210	11.590	0.235
5.939	0.002	5.949	-0.284	5.961	-0.502	5.969	-0.679	11.610	0.168	11.643	0.109	11.656	0.067	11.665	0.016
5.983	0.549	5.995	-0.309	6.002	-0.019	6.011	0.228	11.684	-0.173	11.701	-0.320	11.718	-0.387	11.741	-0.316
6.017	0.459	6.030	0.644	6.043	0.501	6.060	0.409	11.758	-0.228	11.774	-0.093	11.789	-0.127	11.813	-0.190
6.086	0.304	6.109	0.354	6.126	0.262	6.150	0.110	11.826	-0.240	11.837	-0.140	11.857	0.016	11.877	0.129
6.172	0.241	6.196	0.404	6.201	0.219	6.237	0.035	11.901	0.179	11.915	0.221	11.942	0.162	11.954	0.066
6.263	-0.167	6.284	-0.041	6.306	0.034	6.335	-0.100	11.974	-0.064	11.985	-0.115	12.008	0.104	12.020	0.225
6.366	-0.192	6.389	-0.071	6.401	0.026	6.416	0.122	12.041	0.322	12.070	0.246	12.094	0.099	12.114	-0.048
6.438	0.009	6.452	-0.176	6.459	-0.302	6.476	-0.436	12.134	0.128	12.155	-0.048	12.170	-0.254	12.194	0.040
6.490	-0.247	6.493	-0.063	6.500	0.110	6.514	0.244	12.223	-0.023	12.242	-0.120	12.259	-0.019	12.278	-0.346
6.533	0.131	6.550	-0.012	6.574	-0.155	6.598	-0.142	12.305	-0.258	12.318	-0.137	12.337	-0.036	12.346	0.027
6.607	-0.213	6.629	-0.125	6.641	0.001	6.645	0.119	12.375	-0.082	12.395	-0.154	12.419	-0.212	12.446	-0.120
6.662	0.270	6.671	0.354	6.686	0.404	6.693	0.404	12.477	0.002	12.490	0.048	12.514	-0.011	12.542	-0.082
6.707	0.350	6.721	0.253	6.733	0.064	6.747	-0.112	12.569	-0.133	12.593	-0.057	12.612	0.006	12.625	0.023
6.760	-0.217	6.778	-0.301	6.795	-0.225	6.816	-0.129	12.658	-0.103	12.689	-0.208	12.696	-0.225	12.716	-0.124
6.835	-0.032	6.855	0.103	6.872	0.216	6.878	0.233	12.728	-0.027	12.743	0.048	12.759	0.082	12.803	-0.048
6.897	0.153	6.914	-0.032	6.929	-0.237	6.945	-0.409	12.831	-0.141	12.858	-0.262	12.877	-0.149	12.891	-0.044
6.957	-0.556	6.966	-0.586	6.972	-0.472	6.986	-0.321	12.892	0.086	12.904	0.246	12.918	0.397	12.932	0.515
6.995	-0.140	7.021	0.175	7.038	-0.023	7.059	-0.149	12.954	0.397	12.973	0.237	13.000	0.141	13.024	0.246
7.076	-0.291	7.102	-0.115	7.119	0.158	7.131	0.389	13.043	0.301	13.062	0.347	13.084	0.267	13.101	0.191
7.140	0.595	7.155	0.881	7.171	0.742	7.181	0.511	13.128	0.242	13.152	0.154	13.173	0.036	13.195	-0.073
7.193	0.264	7.205	0.025	7.224	-0.248	7.241	-0.189	13.204	-0.140	13.221	-0.014	13.240	0.091	13.264	0.041
7.255	-0.324	7.264	-0.282	7.277	-0.382	7.296	-0.601	13.308	-0.014	13.338	0.045	13.372	-0.066	13.406	0.091
7.315	-0.327	7.374	-0.449	7.422	-0.272	7.436	-0.414	13.435	0.058	13.454	-0.018	13.468	-0.068	13.488	0.045
7.546	-0.103	7.612	0.090	7.691	-0.506	7.759	0.041	13.504	0.150	13.518	0.276	13.538	0.352	13.566	0.234
7.804	-0.698	7.864	0.549	7.919	-0.110	7.990	0.168	13.598	0.129	13.634	0.016	13.662	0.100	13.687	0.146
8.063	-0.478	8.127	0.240	8.191	0.043	8.243	0.185	13.717	0.083	13.746	0.037	13.775	-0.005	13.816	-0.005
8.288	0.030	8.366	0.391	8.418	-0.016	8.446	-0.100	13.832	-0.022	13.878	-0.064	13.902	-0.110	13.929	-0.198
8.496	0.018	8.536	0.098	8.576	0.148	8.647	0.060	13.966	-0.290	13.990	-0.223	14.024	-0.177	14.045	-0.232
8.732	-0.002	8.776	-0.166	8.828	-0.082	8.879	-0.161	14.070	-0.303	14.093	-0.227	14.108	-0.135	14.122	-0.085
8.926	0.003	8.962	0.154	8.997	0.335	9.030	0.129	14.148	-0.122	14.175	-0.206	14.196	-0.261	14.222	-0.194

14.239	-0.127	14.258	-0.068	14.313	-0.085	14.347	-0.085	19.740	0.064	19.773	0.052	19.800	0.052	19.807	0.077
14.362	-0.059	14.394	-0.034	14.423	-0.127	14.437	-0.202	19.821	0.123	19.837	0.194	19.863	0.215	19.871	0.232
14.464	-0.278	14.499	-0.198	14.511	-0.122	14.523	-0.059	19.892	0.215	19.921	0.196	19.952	0.140	19.985	0.228
14.537	-0.043	14.559	-0.118	14.592	-0.248	14.614	0.160	20.003	0.312	20.018	0.366	20.028	0.370	20.051	0.316
14.625	-0.059	14.642	0.054	14.661	0.083	14.673	0.071	20.072	0.177	20.091	0.060	20.106	0.009	20.132	0.047
14.691	-0.009	14.713	-0.101	14.732	-0.160	14.756	-0.076	20.168	0.131	20.193	0.089	20.234	-0.020	20.260	-0.058
14.773	-0.034	14.794	0.016	14.813	0.037	14.831	0.012	20.296	-0.012	20.320	0.013	20.369	0.046	20.396	-0.067
14.851	-0.042	14.874	0.054	14.894	0.126	14.929	0.084	20.431	-0.008	20.465	0.084	20.526	0.051	20.552	0.122
14.957	0.059	14.984	0.126	15.005	0.201	15.021	0.222	20.592	0.214	20.614	0.298	20.636	0.349	20.666	0.290
15.054	0.214	15.081	0.248	15.093	0.243	15.136	0.214	20.693	0.193	20.719	0.114	20.754	0.080	20.795	0.097
15.167	0.126	15.191	0.017	15.210	-0.088	15.236	-0.017	20.823	0.114	20.844	0.063	20.870	-0.025	20.904	0.005
15.257	0.030	15.286	-0.008	15.309	-0.063	15.336	-0.117	20.933	0.038	20.973	-0.062	21.051	-0.235	21.103	-0.306
15.369	-0.042	15.397	0.017	15.422	0.063	15.443	0.037	21.168	-0.234	21.293	-0.120	21.293	-0.183	21.350	-0.107
15.464	0.013	15.486	-0.067	15.512	0.055	15.528	0.147	21.370	-0.057	21.410	-0.090	21.452	-0.145	21.493	-0.090
15.545	0.231	15.559	0.320	15.584	0.219	15.598	0.105	21.526	-0.044	21.555	-0.014	21.595	-0.006	21.632	-0.027
15.629	-0.042	15.657	0.093	15.674	0.185	15.695	0.265	21.696	-0.119	21.734	-0.035	21.760	-0.016	21.820	-0.026
15.720	0.269	15.727	0.282	15.743	0.265	15.774	0.210	21.855	0.003	21.897	0.041	21.938	0.075	21.983	0.092
15.801	0.194	15.822	0.202	15.846	0.164	15.884	0.202	22.027	0.092	22.054	0.108	22.077	0.104	22.095	0.062
15.906	0.139	15.934	0.026	15.954	-0.050	15.990	-0.142	22.124	0.025	22.171	0.058	22.210	0.116	22.253	0.057
16.016	-0.075	16.044	-0.037	16.077	-0.109	16.113	-0.180	22.288	-0.006	22.337	0.061	22.395	0.073	22.396	0.031
16.153	-0.126	16.182	-0.054	16.215	-0.138	16.245	-0.231	22.437	0.006	22.478	0.060	22.501	0.115	22.531	0.022
16.280	-0.201	16.316	-0.227	16.347	-0.269	16.384	-0.348	22.559	-0.133	22.590	-0.075	22.625	-0.004	22.693	-0.084
16.412	-0.264	16.439	-0.180	16.465	-0.147	16.495	-0.138	22.737	-0.035	22.778	-0.073	22.810	-0.065	22.871	-0.078
16.518	-0.117	16.559	-0.138	16.594	-0.180	16.627	-0.269	22.897	-0.028	22.911	-0.015	22.967	-0.062	23.094	0.050
16.664	-0.177	16.689	-0.080	16.729	-0.034	16.760	0.007	23.142	0.032	23.198	0.107	23.231	0.132	23.262	0.115
16.790	0.015	16.816	0.061	16.832	0.091	16.858	0.061	23.304	0.119	23.368	0.072	23.439	0.093	23.477	0.101
16.879	-0.078	16.899	-0.136	16.927	-0.044	16.944	0.061	23.531	0.041	23.572	0.062	23.636	0.036	23.685	0.061
16.963	0.115	16.993	0.073	17.033	-0.003	17.068	0.013	23.745	0.019	23.773	-0.019	23.834	0.005	23.895	0.026
17.110	0.051	17.143	0.118	17.180	0.139	17.209	0.109	23.947	-0.012	23.995	-0.062	24.066	-0.043	24.125	0.049
17.247	0.046	17.282	0.101	17.307	0.147	17.334	0.172	24.189	-0.040	24.257	-0.062	24.294	-0.092	24.339	-0.105
17.355	0.230	17.381	0.302	17.418	0.264	17.451	0.222	24.403	-0.202	24.459	-0.123	24.518	-0.044	24.561	-0.007
17.477	0.163	17.505	0.104	17.533	0.171	17.564	0.225	24.598	-0.066	24.655	0.022	24.737	-0.034	24.813	0.024
17.607	0.120	17.639	0.040	17.667	-0.040	17.706	-0.010	24.860	0.011	24.910	0.035	24.976	0.030	25.024	0.022
17.734	-0.082	17.767	-0.166	17.787	-0.187	17.810	-0.166	25.031	0.030	25.078	0.004	25.104	0.033	25.133	0.033
17.823	-0.213	17.844	-0.166	17.866	-0.083	17.880	0.001	25.180	0.003	25.201	0.003	25.232	0.032	25.285	-0.015
17.904	0.073	17.921	0.089	17.940	0.072	17.962	0.026	25.366	0.039	25.427	0.000	25.470	0.029	25.525	-0.005
17.990	-0.037	18.017	0.026	18.045	0.093	18.071	0.177	25.597	0.044	25.708	-0.043	25.768	0.031	25.849	-0.067
18.098	0.257	18.143	0.203	18.179	0.123	18.212	0.035	25.901	-0.016	25.966	-0.099	26.028	-0.032	26.104	-0.148
18.250	-0.074	18.275	-0.019	18.299	0.019	18.330	-0.048	26.188	-0.021	26.236	-0.004	26.286	0.035	26.317	0.031
18.372	-0.141	18.406	-0.119	18.435	-0.077	18.456	-0.144	26.519	0.067	26.602	-0.019	26.646	0.057	26.677	0.125
18.478	-0.191	18.506	-0.136	18.525	-0.077	18.538	-0.022	26.712	0.017	26.771	-0.008	26.822	-0.042	26.898	0.009
18.566	-0.064	18.608	-0.127	18.634	-0.064	18.658	-0.039	26.934	0.067	26.963	0.055	27.000	0.101	27.059	-0.012
18.691	-0.060	18.705	-0.081	18.724	-0.034	18.740	-0.005	27.093	0.025	27.155	-0.109	27.219	0.042	27.290	-0.033
18.767	-0.030	18.779	-0.076	18.797	-0.122	18.825	-0.055	27.362	0.042	27.426	-0.096	27.476	0.067	27.569	-0.092
18.845	0.050	18.863	0.126	18.875	0.172	18.887	0.176	27.636	-0.034	27.678	-0.076	27.734	0.004	27.786	-0.034
18.899	0.117	18.913	0.021	18.929	-0.046	18.949	-0.130	27.828	-0.005	27.923	-0.038	27.979	0.029	28.068	-0.026
18.982	-0.046	19.001	0.042	19.017	0.075	19.090	0.122	28.127	0.024	28.180	0.028	28.212	0.062	28.259	-0.014
19.047	0.055	19.057	-0.008	19.067	-0.075	19.090	0.080	28.293	-0.031	28.345	0.023	28.412	-0.019	28.477	0.027
19.099	0.151	19.109	-0.138	19.133	-0.046	19.158	0.080	28.538	0.106	28.557	0.132	28.607	0.018	28.656	0.043
19.177	0.114	19.203	0.055	19.227	-0.062	19.244	-0.142	28.683	0.012	28.704	-0.016	28.748	-0.029	28.774	-0.012
19.260	-0.176	19.286	-0.079	19.303	0.005	19.319	0.022	28.797	0.021	28.819	0.029	28.843	0.004	28.875	-0.021
19.331	-0.054	19.348	-0.100	19.364	-0.159	19.376	-0.171	28.895	0.012	28.919	0.029	28.939	0.033	28.967	0.028
19.394	-0.108	19.411	-0.083	19.433	-0.037	19.440	-0.028	28.995	-0.005	29.046	-0.022	29.088	-0.035	29.128	-0.035
19.461	-0.041	19.485	-0.087	19.511	-0.120	19.544	-0.150	29.156	-0.019	29.190	-0.006	29.216	-0.057	29.239	-0.082
19.565	-0.099	19.598	-0.074	19.627	-0.074	19.653	-0.091	29.272	-0.124	29.308	-0.069	29.329	-0.032	29.365	-0.082
19.679	-0.120	19.695	-0.057	19.712	0.018	19.726	0.052								

29.410	-0.187	29.432	-0.128	29.448	-0.053	29.526	-0.124	32.918	-0.080	32.932	-0.068	32.949	-0.047	32.953	-0.034
29.574	-0.019	29.598	0.001	29.667	-0.028	29.707	0.018	32.960	-0.030	32.977	-0.068	32.989	-0.098	32.998	-0.131
29.751	0.060	29.782	0.077	29.815	0.051	29.855	0.068	33.010	-0.174	33.022	-0.195	33.034	-0.199	33.037	-0.187
29.889	0.118	29.925	0.076	29.967	0.016	30.004	0.034	33.050	-0.166	33.064	-0.136	33.072	-0.095	33.076	-0.069
30.044	0.080	30.084	0.026	30.122	-0.041	30.151	-0.024	33.084	-0.044	33.095	-0.028	33.107	-0.023	33.121	-0.053
30.179	0.005	30.220	-0.015	30.265	-0.028	30.300	-0.032	33.133	-0.082	33.156	-0.087	33.173	-0.053	33.186	-0.020
30.316	0.002	30.349	0.027	30.366	-0.014	30.393	-0.039	33.194	0.026	33.198	0.039	33.208	0.056	33.219	0.072
30.411	-0.069	30.438	-0.010	30.456	0.011	30.487	-0.005	33.222	0.102	33.233	0.118	33.247	0.106	33.259	0.076
*30.508	-0.014	30.535	-0.026	30.554	-0.030	30.566	-0.030	33.266	0.063	33.280	0.063	33.287	-0.021	33.301	-0.050
30.582	-0.030	30.599	-0.038	30.611	-0.037	30.639	-0.033	33.315	-0.063	33.329	-0.063	33.351	-0.055	33.363	-0.038
30.660	-0.011	30.682	-0.015	30.696	-0.015	30.713	-0.006	33.370	-0.021	33.384	-0.009	33.398	0.004	33.419	-0.001
30.727	0.006	30.743	-0.014	30.755	-0.043	30.763	-0.043	33.431	-0.013	33.447	-0.055	33.458	-0.071	33.475	-0.096
30.782	-0.047	30.794	-0.026	30.810	-0.026	30.820	-0.042	33.489	-0.113	33.503	-0.088	33.508	-0.067	33.515	-0.045
30.832	-0.046	30.846	-0.063	30.869	-0.071	30.879	-0.079	33.524	-0.008	33.536	0.009	33.547	0.039	33.561	0.052
30.886	-0.092	30.900	-0.104	30.902	-0.104	30.917	-0.092	33.573	0.039	33.587	0.006	33.603	-0.023	33.622	-0.036
30.927	-0.066	30.936	-0.032	30.953	-0.007	30.964	-0.011	33.638	-0.035	33.652	-0.002	33.666	0.045	33.680	0.078
30.971	-0.019	30.990	-0.036	31.003	-0.053	31.014	-0.078	33.692	0.100	33.703	0.083	33.718	0.058	33.736	0.016
31.028	-0.090	31.047	-0.082	31.059	-0.056	31.066	-0.023	33.753	-0.026	33.767	-0.047	33.769	-0.043	33.788	-0.009
31.076	0.024	31.094	0.003	31.095	-0.006	31.104	-0.023	33.799	0.025	33.806	0.046	33.818	0.058	33.839	0.063
31.116	-0.060	31.123	-0.098	31.134	-0.127	31.137	-0.140	33.853	0.059	33.876	0.046	33.902	0.034	33.918	0.017
31.153	-0.157	31.165	-0.119	31.191	-0.094	31.205	-0.052	33.927	0.025	33.946	0.046	33.960	0.066	33.974	0.091
31.212	-0.014	31.222	0.007	31.248	0.028	31.255	0.020	33.992	0.095	34.001	0.083	34.015	0.074	34.023	0.070
31.264	-0.005	31.276	-0.030	31.297	-0.043	31.323	-0.030	34.034	0.054	34.043	0.041	34.053	0.012	34.065	-0.009
31.332	-0.018	31.339	-0.001	31.347	0.020	31.358	0.033	34.081	-0.022	34.090	-0.021	34.111	0.025	34.125	0.063
31.368	0.054	31.380	0.050	31.391	0.029	31.401	0.012	34.132	0.084	34.146	0.113	34.162	0.126	34.176	0.114
31.408	-0.014	31.427	-0.022	31.443	-0.018	31.452	-0.002	34.183	0.097	34.193	0.085	34.198	0.076	34.212	0.047
31.462	0.032	31.469	0.057	31.476	0.069	31.483	0.095	34.230	0.016	34.231	0.001	34.267	-0.007	34.296	-0.007
31.494	0.111	31.506	0.103	31.507	0.094	31.518	0.073	34.314	0.008	34.337	0.011	34.356	-0.002	34.377	-0.006
31.527	0.065	31.539	0.044	31.546	0.031	31.567	0.031	34.401	0.002	34.422	0.010	34.440	0.001	34.457	-0.016
31.588	0.047	31.602	0.051	31.617	0.059	31.630	0.042	34.478	-0.008	34.503	0.000	34.519	0.012	34.533	0.037
31.640	0.034	31.652	0.025	31.657	0.030	31.675	0.059	34.552	0.045	34.561	0.049	34.587	0.061	34.602	0.052
31.682	0.080	31.689	0.105	31.706	0.117	31.720	0.116	34.609	0.040	34.629	0.022	34.643	0.005	34.662	-0.013
31.729	0.108	31.736	0.099	31.750	0.082	31.757	0.069	34.678	-0.030	34.695	-0.047	34.712	-0.069	34.726	-0.078
31.768	0.052	31.783	0.056	31.794	0.106	31.813	0.123	34.742	-0.078	34.754	-0.053	34.760	-0.033	34.770	-0.008
31.825	0.017	31.837	0.097	31.841	0.076	31.850	0.046	34.781	0.013	34.791	0.038	34.805	0.063	34.817	0.066
31.864	0.017	31.876	-0.026	31.904	-0.018	31.923	-0.014	34.854	-0.006	34.866	-0.019	34.882	-0.024	34.894	-0.016
31.933	-0.001	31.946	0.028	31.958	0.065	31.963	0.074	34.901	-0.003	34.908	0.017	34.917	0.034	34.933	0.050
31.977	0.086	31.993	0.098	32.003	0.098	32.030	0.077	34.947	0.075	34.961	0.083	34.969	0.070	34.974	0.045
32.050	0.068	32.073	0.068	32.085	0.042	32.087	0.017	34.994	0.019	35.006	-0.007	35.022	-0.032	35.041	-0.041
32.106	-0.021	32.115	-0.021	32.143	-0.018	32.162	0.016	35.064	-0.038	35.081	-0.000	35.093	0.025	35.107	0.024
32.177	0.041	32.189	0.045	32.202	0.028	32.210	0.007	35.121	0.011	35.133	-0.002	35.158	-0.019	35.180	-0.007
32.221	-0.023	32.226	-0.036	32.233	-0.053	32.238	-0.074	35.194	0.009	35.201	0.039	35.205	0.060	35.226	0.076
32.243	-0.091	32.252	-0.091	32.261	-0.070	32.271	-0.036	35.245	0.067	35.264	0.050	35.278	0.037	35.288	0.024
32.278	-0.020	32.287	0.005	32.295	0.026	32.306	0.043	35.321	0.019	35.337	0.027	35.360	0.035	35.375	0.026
32.327	0.068	32.339	0.080	32.356	0.080	32.372	0.084	35.384	0.010	35.400	-0.020	35.417	-0.041	35.431	-0.050
32.391	0.076	32.398	0.059	32.424	0.059	32.445	0.050	35.447	-0.063	35.457	-0.075	35.482	-0.080	35.504	-0.059
32.453	0.050	32.474	0.096	32.490	0.113	32.500	0.113	35.515	-0.0734	35.530	-0.005	35.544	0.016	35.574	0.032
32.512	0.112	32.526	0.095	32.531	0.070	32.544	0.011	35.598	0.040	35.614	0.032	35.633	0.023	35.662	0.027
32.552	-0.022	32.566	-0.052	32.573	-0.073	32.585	-0.081	35.683	0.035	35.709	0.043	35.724	0.030	35.733	0.014
32.599	-0.098	32.615	-0.098	32.632	-0.086	32.642	-0.053	35.750	-0.003	35.761	-0.020	35.774	-0.033	35.792	-0.033
32.648	-0.068	32.658	-0.032	32.668	-0.053	32.677	-0.065	35.799	-0.012	35.814	0.004	35.826	0.013	35.840	0.038
32.684	-0.086	32.698	-0.112	32.715	-0.116	32.732	-0.108	35.857	0.058	35.873	0.075	35.892	0.075	35.911	0.062
32.746	-0.070	32.762	-0.024	32.765	0.001	32.784	0.039	35.923	0.049	35.944	0.025	35.964	0.010	35.971	-0.003
32.793	0.047	32.800	0.064	32.814	0.072	32.828	0.064	35.989	-0.020	36.022	-0.025	36.041	-0.004	36.063	-0.001
32.836	0.034	32.842	0.017	32.847	-0.004	32.857	-0.025	36.082	-0.014	36.092	-0.022	36.111	-0.035	36.126	-0.044
32.869	-0.050	32.880	-0.075	32.890	-0.101	32.906	-0.105								

36.140	-0.032	36.176	-0.041	36.192	-0.050	36.200	-0.054	39.767	-0.004	39.785	0.008	39.807	-0.000	39.823	-0.021
36.221	-0.084	36.233	-0.076	36.250	-0.072	36.265	-0.084	39.848	-0.013	39.858	0.008	39.870	0.020	39.882	0.054
36.281	-0.035	36.289	-0.006	36.296	0.007	36.305	0.028	39.896	0.050	39.903	0.029	39.917	0.008	39.924	-0.018
36.317	0.053	36.334	0.065	36.346	0.043	36.353	0.027	39.933	-0.033	39.949	-0.047	39.969	-0.043	39.987	-0.018
36.370	-0.012	36.377	-0.029	36.399	-0.029	36.415	-0.021	40.003	0.003	40.016	0.028	40.036	0.053	40.046	0.041
36.421	-0.013	36.445	-0.018	36.463	-0.022	36.492	-0.022	40.053	0.028	40.064	0.016	40.067	0.011	40.076	0.003
36.509	-0.019	36.523	-0.010	36.542	0.006	36.554	0.027	40.092	-0.014	40.102	-0.031	40.120	-0.039	40.132	-0.035
36.576	0.014	36.588	0.001	36.601	-0.024	36.610	-0.033	40.141	-0.023	40.177	0.007	40.179	0.019	40.199	0.027
36.634	-0.037	36.651	-0.017	36.661	-0.013	36.672	0.004	40.197	0.040	40.219	0.039	40.233	0.031	40.242	0.006
36.685	0.021	36.699	0.033	36.707	0.045	36.723	0.054	40.247	-0.007	40.274	-0.016	40.300	-0.004	40.324	0.013
36.747	0.066	36.757	0.066	36.774	0.049	36.790	0.032	40.333	0.025	40.358	0.029	40.373	0.004	40.375	0.004
36.803	0.023	36.812	0.023	36.829	0.035	36.851	0.069	40.393	-0.026	40.415	-0.051	40.436	-0.043	40.450	-0.031
36.865	0.081	36.879	0.085	36.901	0.072	36.920	0.059	40.470	-0.032	40.480	0.015	40.501	0.019	40.512	0.006
36.942	0.047	36.962	0.034	36.993	0.050	37.017	0.050	40.527	-0.032	40.540	-0.045	40.554	-0.037	40.569	-0.007
37.041	0.058	37.062	0.037	37.089	0.053	37.125	0.057	40.585	0.026	40.599	0.038	40.619	0.034	40.633	0.013
37.153	0.052	37.172	0.040	37.186	0.035	37.215	0.022	40.647	-0.013	40.661	-0.021	40.681	-0.009	40.688	0.012
37.227	0.005	37.242	0.009	37.268	0.018	37.290	0.038	40.704	-0.006	40.727	-0.005	40.755	0.007	40.772	0.003
37.316	0.038	37.323	0.021	37.337	-0.008	37.345	-0.029	40.794	-0.006	40.817	0.019	40.845	0.022	40.864	0.030
37.364	-0.051	37.376	-0.059	37.400	-0.055	37.412	-0.043	40.887	-0.015	40.907	0.001	40.924	0.022	40.951	-0.028
37.430	-0.006	37.443	0.011	37.466	0.011	37.481	-0.015	40.965	0.009	40.982	-0.021	41.013	-0.029	41.032	-0.013
37.490	-0.028	37.500	-0.049	37.519	-0.062	37.541	-0.041	41.048	0.008	41.060	0.029	41.081	0.046	41.099	0.033
37.552	-0.020	37.559	-0.008	37.573	0.017	37.588	0.034	41.115	0.003	41.129	-0.022	41.153	-0.018	41.162	-0.010
37.609	-0.021	37.628	0.008	37.636	-0.009	37.654	-0.031	41.176	0.011	41.203	0.031	41.222	0.031	41.236	0.022
37.668	-0.035	37.680	-0.035	37.695	-0.023	37.716	-0.011	41.252	0.009	41.262	-0.004	41.284	0.000	41.299	0.012
37.733	0.006	37.757	0.009	37.775	-0.012	37.783	-0.016	41.336	0.025	41.340	0.033	41.359	0.032	41.380	0.023
37.801	-0.029	37.815	-0.042	37.830	-0.055	37.840	-0.059	41.399	0.019	41.415	0.006	41.430	-0.003	41.451	0.009
37.854	-0.064	37.870	-0.047	37.885	-0.027	37.898	-0.014	41.474	0.025	41.491	0.024	41.509	0.006	41.533	0.045
37.906	-0.006	37.927	-0.011	37.951	-0.020	37.958	-0.028	41.540	0.032	41.556	0.024	41.577	0.006	41.598	0.006
37.967	-0.033	37.994	-0.033	38.006	-0.025	38.022	-0.021	41.622	0.014	41.631	0.022	41.650	0.042	41.667	0.038
38.043	-0.000	38.057	0.016	38.065	0.021	38.095	0.020	41.681	0.016	41.700	0.003	41.717	-0.010	41.741	-0.002
38.103	0.003	38.114	-0.022	38.131	-0.043	38.154	-0.035	41.755	0.010	41.769	0.031	41.792	0.047	41.818	0.034
38.160	-0.005	38.169	0.016	38.183	0.032	38.200	0.049	41.831	0.029	41.854	0.012	41.880	0.023	41.904	0.040
38.216	-0.036	38.223	0.019	38.230	0.007	38.244	-0.010	41.928	0.052	41.953	0.041	41.970	0.029	41.996	0.033
38.257	-0.019	38.276	-0.015	38.292	-0.002	38.315	0.023	42.020	0.024	42.032	0.011	42.057	0.002	42.087	0.018
38.339	0.018	38.356	-0.007	38.373	-0.028	38.386	-0.037	42.115	0.008	42.130	-0.005	42.144	-0.018	42.163	-0.018
38.401	-0.037	38.408	-0.033	38.429	-0.008	38.438	0.013	42.182	-0.002	42.201	0.014	42.221	-0.026	42.247	0.025
38.443	0.026	38.450	0.038	38.458	0.047	38.469	0.043	42.255	0.021	42.274	-0.000	42.290	-0.013	42.304	-0.014
38.481	0.021	38.488	-0.004	38.507	-0.025	38.521	-0.042	42.324	-0.002	42.341	0.023	42.370	0.027	42.391	-0.003
38.534	-0.034	38.550	-0.004	38.560	0.029	38.569	0.046	42.418	0.001	42.434	0.012	42.482	0.016	42.499	0.003
38.588	-0.058	38.609	0.050	38.633	0.020	38.649	0.003	42.514	-0.001	42.542	-0.006	42.571	0.006	42.590	0.005
38.654	-0.010	38.680	-0.011	38.706	0.014	38.718	0.030	42.609	-0.012	42.622	-0.025	42.638	-0.038	42.657	-0.030
38.751	0.042	38.776	0.029	38.786	0.008	38.798	-0.022	42.681	-0.022	42.698	0.003	42.713	0.015	42.735	0.010
38.814	-0.039	38.826	-0.052	38.840	-0.048	38.852	-0.036	42.761	0.001	42.782	0.001	42.802	0.017	42.830	0.017
38.861	-0.011	38.869	0.018	38.880	0.039	38.896	0.051	42.848	0.008	42.876	-0.026	42.896	-0.044	42.920	-0.027
38.909	0.047	38.918	0.030	38.925	0.021	38.951	0.012	42.941	-0.003	42.961	-0.020	42.980	-0.037	42.989	-0.050
39.077	-0.001	39.094	0.003	39.012	-0.001	39.029	-0.014	43.003	-0.054	43.021	-0.050	43.035	-0.046	43.063	-0.030
39.050	-0.002	39.074	0.022	39.095	0.051	39.111	0.059	43.087	-0.013	43.105	-0.018	43.122	-0.030	43.136	-0.047
39.135	0.038	39.144	0.017	39.153	-0.000	39.161	-0.005	43.164	-0.022	43.200	-0.040	43.222	-0.031	43.239	-0.039
39.172	-0.017	39.188	-0.017	39.195	-0.001	39.203	0.016	43.272	-0.022	43.284	-0.022	43.306	-0.034	43.318	-0.047
39.208	0.033	39.228	0.041	39.257	0.024	39.269	0.003	43.345	-0.046	43.381	-0.029	43.412	-0.025	43.441	-0.033
39.283	-0.006	39.301	-0.027	39.318	-0.035	39.339	-0.023	43.467	-0.024	43.482	-0.020	43.489	-0.011	43.513	-0.015
39.356	-0.006	39.370	0.010	39.395	0.027	39.417	0.037	43.541	-0.015	43.561	-0.024	43.584	-0.020	43.618	-0.011
39.435	0.018	39.443	0.005	39.466	-0.020	39.489	-0.029	43.641	0.006	43.666	0.014	43.687	0.018	43.709	0.016
39.518	-0.020	39.534	-0.008	39.544	0.005	39.562	0.021	43.728	0.006	43.761	0.014	43.785	0.022	43.806	0.026
39.583	0.013	39.611	-0.008	39.633	0.021	39.658	0.025	43.825	0.009	43.852	0.017	43.871	0.025	43.887	0.050
39.684	0.004	39.699	-0.013	39.726	-0.013	39.753	-0.009	43.908	0.045	43.923	0.028	43.940	0.024	43.971	0.028

43.997	0.040	44.019	0.035	44.044	0.030	44.059	0.030	48.277	-0.024	48.284	-0.016	48.319	-0.012	48.343	-0.004
44.089	0.034	44.115	0.050	44.130	0.041	44.149	0.036	48.357	-0.009	48.369	-0.013	48.405	-0.018	48.427	-0.010
44.163	0.032	44.189	0.035	44.205	0.022	44.220	0.022	48.451	-0.018	48.479	-0.010	48.507	-0.007	48.515	-0.007
44.231	0.032	44.259	0.013	44.288	0.029	44.314	0.045	48.534	0.001	48.541	-0.003	48.553	-0.012	48.574	-0.004
44.337	0.033	44.358	0.044	44.377	0.035	44.397	0.026	48.601	0.009	48.618	0.021	48.632	0.012	48.639	0.004
44.420	0.013	44.439	0.000	44.446	-0.008	44.462	-0.017	48.656	-0.013	48.677	-0.035	48.697	-0.002	48.711	0.002
44.482	-0.018	44.514	-0.010	44.536	0.002	44.561	0.017	48.721	0.010	48.742	0.010	48.761	0.035	48.782	0.018
44.588	0.006	44.602	0.001	44.620	-0.016	44.627	-0.020	48.802	0.001	48.816	0.013	48.838	0.033	48.866	0.041
44.646	-0.029	44.665	-0.029	44.689	-0.025	44.707	-0.013	48.880	0.033	48.902	0.028	48.914	0.019	48.938	0.006
44.728	0.003	44.738	0.007	44.759	0.015	44.775	0.011	48.953	0.014	48.976	0.031	48.996	0.047	49.020	0.035
44.803	0.006	44.815	-0.006	44.829	-0.015	44.846	-0.015	49.031	0.030	49.044	0.013	49.063	-0.008	49.079	0.009
44.871	-0.012	44.881	-0.008	44.898	-0.004	44.914	-0.008	49.117	0.025	49.133	0.017	49.148	0.012	49.173	0.004
44.937	-0.013	44.951	-0.025	44.963	-0.034	44.980	-0.034	49.197	0.012	49.218	0.017	49.237	0.029	49.261	0.029
44.993	-0.034	45.015	-0.018	45.033	-0.014	45.048	-0.018	49.278	0.021	49.308	0.025	49.339	0.029	49.355	0.021
45.061	-0.023	45.076	-0.023	45.092	-0.015	45.109	-0.019	49.370	0.012	49.388	-0.004	49.407	0.004	49.426	0.012
45.116	-0.020	45.137	-0.020	45.151	-0.020	45.160	-0.029	49.445	0.033	49.467	0.033	49.485	0.024	49.502	-0.001
45.193	-0.029	45.209	-0.021	45.234	-0.013	45.255	-0.001	49.523	0.002	49.544	0.015	49.564	0.006	49.583	-0.007
45.276	-0.005	45.297	-0.001	45.325	0.003	45.340	-0.006	49.597	-0.028	49.622	-0.025	49.639	-0.012	49.660	-0.000
45.358	-0.014	45.379	-0.006	45.391	-0.006	45.410	-0.002	49.684	0.016	49.708	0.008	49.727	-0.005	49.743	-0.022
45.431	0.019	45.454	0.019	45.473	0.006	45.496	0.011	49.769	-0.010	49.790	0.020	49.819	0.011	49.842	-0.006
45.517	-0.015	45.550	-0.007	45.576	0.001	45.599	0.014	49.856	-0.010	49.882	-0.023	49.903	-0.019	49.923	-0.003
45.615	0.010	45.636	-0.011	45.650	-0.016	45.669	-0.011	49.943	0.001	49.958	-0.007	49.972	-0.020	49.991	-0.028
45.685	-0.007	45.711	0.009	45.727	-0.018	45.748	0.026	50.007	-0.028	50.022	-0.011	50.040	0.001	50.050	0.005
45.774	0.022	45.793	0.001	45.813	-0.012	45.834	-0.012	50.067	-0.009	50.083	0.009	50.097	0.005	50.109	0.012
45.860	0.005	45.881	0.034	45.897	0.051	45.916	0.047	50.128	-0.004	50.138	0.005	50.161	0.017	50.185	0.026
45.935	0.030	45.956	0.017	45.983	0.021	45.997	0.033	50.206	0.025	50.214	0.017	50.235	-0.000	50.263	0.008
46.021	0.034	46.040	0.050	46.067	0.037	46.082	0.034	50.285	0.012	50.302	0.014	50.313	-0.006	50.337	0.014
46.102	0.024	46.119	0.024	46.133	0.032	46.152	0.028	50.356	-0.010	50.377	0.002	50.394	0.002	50.410	0.010
46.161	0.024	46.172	0.019	46.184	0.015	46.210	0.015	50.436	0.022	50.451	0.014	50.463	0.005	50.491	0.017
46.228	0.010	46.256	0.014	46.277	0.027	46.294	0.031	50.520	0.029	50.539	0.024	50.553	0.028	50.565	0.032
46.308	0.026	46.328	0.022	46.338	0.017	46.361	0.013	50.584	0.040	50.616	0.040	50.643	0.018	50.657	0.014
46.377	0.013	46.391	0.017	46.408	0.012	46.417	0.008	50.678	0.017	50.699	0.025	50.727	0.029	50.760	0.020
46.433	0.007	46.452	0.003	46.464	0.002	46.476	0.002	50.784	0.011	50.814	0.014	50.836	0.018	50.857	0.026
46.499	0.002	46.540	0.009	46.564	0.009	46.571	0.004	50.885	0.021	50.902	0.016	50.930	0.024	50.956	0.019
46.589	0.004	46.603	-0.001	46.615	-0.009	46.634	-0.018	50.979	0.035	51.003	0.043	51.017	0.038	51.038	0.017
46.646	-0.010	46.660	-0.002	46.681	0.010	46.704	0.005	51.054	0.003	51.066	-0.010	51.074	-0.014	51.101	-0.011
46.720	-0.004	46.734	-0.008	46.755	-0.009	46.774	-0.005	51.118	0.002	51.143	0.026	51.153	0.022	51.169	-0.004
46.792	-0.010	46.799	-0.018	46.813	-0.018	46.835	-0.019	51.191	-0.000	51.207	0.007	51.226	0.007	51.242	-0.002
46.854	-0.015	46.879	-0.007	46.893	-0.008	46.903	-0.012	51.265	-0.002	51.289	0.015	51.293	0.015	51.317	0.002
46.921	-0.013	46.944	-0.005	46.965	0.011	46.986	0.014	51.360	0.010	51.361	0.022	51.375	0.026	51.397	0.035
47.015	0.013	47.033	-0.004	47.047	-0.013	47.071	-0.018	51.427	0.030	51.450	0.013	51.469	0.004	51.500	-0.013
47.091	-0.015	47.103	-0.011	47.117	-0.011	47.141	0.001	51.523	-0.004	51.549	0.008	51.575	0.029	51.598	0.020
47.155	-0.008	47.167	-0.017	47.187	-0.009	47.197	-0.005	51.617	0.012	51.647	0.003	51.690	0.011	51.713	0.024
47.209	0.007	47.223	0.019	47.242	0.031	47.260	0.022	51.742	0.007	51.767	-0.006	51.796	-0.006	51.819	0.002
47.270	0.009	47.286	-0.004	47.305	-0.009	47.323	0.003	51.848	-0.006	51.881	-0.020	51.911	-0.004	51.939	0.008
47.342	0.012	47.368	0.003	47.394	0.003	47.415	0.011	51.972	0.003	52.007	-0.019	52.034	-0.004	52.050	0.017
47.436	0.023	47.452	0.019	47.469	0.014	47.492	0.006	52.071	0.016	52.093	-0.005	52.118	-0.006	52.166	0.001
47.516	-0.003	47.544	0.010	47.565	0.018	47.581	0.018	52.196	0.008	52.229	-0.001	52.239	-0.010	52.270	-0.011
47.590	0.018	47.602	0.018	47.643	0.022	47.675	0.025	52.293	-0.003	52.307	-0.003	52.336	-0.004	52.361	-0.017
47.690	0.025	47.716	0.025	47.732	0.016	47.751	-0.001	52.385	-0.018	52.411	-0.002	52.430	0.010	52.465	-0.003
47.776	-0.010	47.809	0.002	47.829	0.018	47.857	0.014	52.485	-0.012	52.505	-0.033	52.527	-0.025	52.544	-0.013
47.876	-0.005	47.904	0.013	47.927	0.012	47.941	0.008	52.564	-0.001	52.690	-0.004	52.624	0.010	52.649	-0.003
47.954	-0.005	47.974	0.003	47.991	0.007	48.015	0.007	52.668	-0.016	52.690	-0.004	52.728	0.012	52.756	0.012
48.033	-0.002	48.052	-0.010	48.085	-0.002	48.098	-0.002	52.779	0.007	52.812	-0.002	52.843	-0.002	52.862	-0.007
48.124	0.001	48.150	0.014	48.165	0.018	48.184	0.010	52.902	-0.007	52.937	0.009	52.965	0.004	53.006	0.004
48.195	0.001	48.209	0.001	48.233	-0.007	48.250	-0.016	53.050	0.011	53.084	0.023	53.126	0.022	53.154	0.022

53.187	0.017	53.215	0.012	53.237	0.007	53.263	0.010	57.927	0.006	57.944	-0.016	57.970	0.001	58.000	-0.017
53.295	0.005	53.319	0.013	53.368	0.020	53.395	0.015	58.014	-0.005	58.035	-0.005	58.059	0.002	58.089	0.001
53.415	0.010	53.441	0.013	53.474	0.020	53.503	0.015	58.115	-0.008	58.136	-0.017	58.164	-0.022	58.173	-0.018
53.522	0.011	53.555	0.018	53.576	0.013	53.593	0.013	58.206	0.002	58.232	-0.003	58.256	-0.012	58.279	0.004
53.621	0.016	53.647	0.012	53.673	-0.002	53.703	0.002	58.291	-0.012	58.314	-0.000	58.328	0.004	58.340	0.004
53.720	0.015	53.744	0.023	53.764	0.031	53.779	0.040	58.359	-0.000	58.373	-0.013	58.382	-0.017	58.415	-0.025
53.798	0.039	53.823	0.035	53.837	0.022	53.856	0.010	58.434	-0.017	58.452	-0.008	58.479	0.000	58.500	0.004
53.876	0.009	53.902	0.022	53.923	0.034	53.944	0.042	58.523	0.009	58.535	0.013	58.554	0.025	58.577	0.029
53.963	0.042	53.974	0.037	53.982	0.036	54.000	0.020	58.598	0.029	58.612	0.042	58.640	0.033	58.666	0.025
54.015	0.011	54.050	0.014	54.062	0.026	54.088	0.042	58.674	0.016	58.690	-0.001	58.716	-0.001	58.742	0.007
54.105	0.034	54.126	0.011	54.152	0.002	54.176	0.014	58.772	0.027	58.802	0.039	58.828	0.034	58.840	0.021
54.195	0.034	54.218	0.038	54.247	0.028	54.264	0.002	58.856	0.016	58.883	0.015	58.901	0.023	58.930	0.034
54.280	-0.007	54.300	0.009	54.313	0.026	54.328	0.038	58.965	0.042	58.990	0.032	59.003	0.019	59.037	0.005
54.361	0.008	54.380	0.023	54.414	0.018	54.439	0.021	59.066	0.021	59.090	0.028	59.113	0.032	59.132	0.018
54.463	0.008	54.501	0.012	54.527	0.007	54.549	0.011	59.160	0.025	59.177	0.029	59.199	0.032	59.236	0.031
54.563	0.011	54.589	-0.006	54.617	0.014	54.641	0.001	59.263	0.021	59.284	0.012	59.312	0.002	59.340	0.009
54.658	0.010	54.674	0.005	54.691	-0.003	54.708	-0.012	59.354	0.026	59.374	0.033	59.404	0.032	59.437	0.026
54.743	-0.003	54.764	-0.009	54.797	0.013	54.814	0.008	59.461	0.017	59.485	0.016	59.508	0.020	59.535	0.032
54.831	-0.000	54.842	-0.005	54.854	-0.005	54.882	-0.001	59.573	0.026	59.592	0.017	59.617	0.016	59.639	-0.001
54.899	-0.018	54.918	-0.023	54.944	-0.019	54.958	0.006	59.668	-0.002	59.701	0.002	59.734	0.009	59.755	-0.004
54.984	0.002	55.012	0.014	55.031	0.001	55.057	0.000	59.786	-0.013	59.819	-0.005	59.846	-0.005	59.883	-0.006
55.072	-0.008	55.095	-0.009	55.113	-0.009	55.139	-0.005	59.907	-0.015	59.941	0.001	59.979	-0.008	60.014	0.012
55.160	0.011	55.172	0.019	55.190	0.019	55.205	0.010	60.035	0.015	60.078	0.007	60.095	-0.006	60.123	-0.007
55.219	0.002	55.237	-0.016	55.251	-0.029	55.268	-0.021	60.355	0.013	60.369	0.017	60.394	0.021	60.427	0.020
55.282	-0.017	55.300	0.003	55.321	0.015	55.344	0.014	60.437	0.007	60.475	0.030	60.484	0.027	60.507	0.039
55.361	-0.007	55.382	-0.029	55.408	-0.017	55.421	-0.009	60.558	0.034	60.565	-0.002	60.582	0.007	60.607	0.032
55.431	0.007	55.461	0.015	55.487	0.001	55.505	-0.012	60.642	-0.009	60.655	-0.002	60.672	0.007	60.697	0.032
55.524	-0.004	55.557	0.009	55.564	-0.016	55.599	-0.008	60.765	0.035	60.814	0.039	60.828	0.030	60.853	0.022
55.613	-0.004	55.636	0.009	55.664	-0.008	55.678	-0.012	60.846	0.009	60.881	-0.005	60.907	0.003	60.935	0.019
55.695	-0.024	55.716	0.033	55.734	-0.020	55.746	0.001	60.955	0.009	60.987	0.013	60.997	0.020	61.039	0.002
55.760	0.018	55.779	0.018	55.809	0.006	55.823	-0.006	61.066	0.006	61.097	0.013	61.097	0.011	61.139	0.006
55.845	-0.010	55.866	-0.002	55.891	-0.002	55.908	-0.010	61.082	0.000	61.097	-0.005	61.097	-0.002	61.139	-0.021
55.933	-0.006	55.961	-0.010	55.975	-0.010	55.992	-0.010	61.156	-0.005	61.183	0.007	61.223	0.019	61.242	0.002
56.019	0.003	56.047	0.007	56.066	-0.006	56.090	-0.003	61.266	-0.020	61.329	-0.018	61.349	-0.000	61.382	-0.005
56.114	0.013	56.128	0.009	56.141	-0.008	56.158	-0.017	61.408	-0.005	61.437	-0.015	61.486	-0.024	61.505	-0.024
56.186	-0.026	56.208	-0.023	56.228	-0.015	56.236	0.002	61.539	-0.028	61.570	-0.023	61.579	-0.015	61.557	-0.023
56.248	0.014	56.257	0.022	56.278	0.025	56.302	0.005	61.694	-0.023	61.725	-0.023	61.779	-0.006	61.834	0.007
56.309	-0.013	56.325	-0.031	56.351	-0.027	56.363	0.002	61.893	-0.028	61.927	0.028	61.977	0.006	62.010	0.002
56.383	0.013	56.410	0.013	56.428	0.008	56.456	-0.002	62.044	-0.002	62.074	-0.003	62.088	0.002	62.122	0.022
56.478	0.006	56.497	-0.003	56.515	-0.008	56.530	-0.012	62.171	0.008	62.197	-0.001	62.223	-0.005	62.260	0.023
56.555	-0.005	56.581	0.011	56.602	0.002	56.612	-0.011	62.301	0.022	62.322	0.013	62.358	-0.000	62.395	0.003
56.626	-0.024	56.653	-0.025	56.668	-0.009	56.682	0.011	62.442	0.011	62.446	0.010	62.466	0.005	62.487	-0.000
56.703	0.027	56.716	0.006	56.717	0.005	56.731	0.008	62.520	-0.014	62.542	-0.010	62.565	0.006	62.598	0.005
56.743	-0.023	56.759	-0.038	56.778	-0.048	56.801	-0.032	62.635	-0.000	62.657	-0.005	62.681	0.010	62.737	0.018
56.819	-0.003	56.847	0.013	56.868	-0.014	56.897	0.007	62.776	-0.021	62.817	-0.005	62.851	-0.006	62.884	-0.011
56.916	-0.026	56.937	-0.022	56.944	-0.005	57.072	-0.005	62.920	-0.020	62.943	-0.033	62.964	-0.038	62.992	-0.038
57.007	0.015	57.025	0.007	57.040	0.004	57.154	-0.008	63.018	-0.022	63.053	-0.002	63.070	0.002	63.111	-0.007
57.095	0.008	57.121	0.013	57.136	0.004	57.239	0.008	63.149	-0.012	63.187	-0.008	63.205	-0.008	63.260	-0.001
57.169	-0.021	57.199	-0.021	57.222	-0.000	57.337	0.010	63.301	-0.014	63.322	-0.027	63.327	-0.027	63.362	-0.019
57.262	-0.009	57.288	-0.004	57.422	-0.013	57.435	-0.026	63.391	-0.012	63.426	-0.012	63.462	-0.013	63.488	0.004
57.363	0.002	57.396	0.004	57.504	-0.022	57.527	-0.010	63.510	0.012	63.535	0.032	63.571	0.028	63.612	0.006
57.455	-0.034	57.476	-0.030	57.591	-0.007	57.604	-0.015	63.591	0.012	63.626	0.034	63.720	0.038	63.765	0.020
57.544	-0.006	57.570	-0.007	57.659	-0.016	57.678	-0.020	63.652	0.014	63.682	0.034	63.875	0.023	63.915	0.026
57.626	-0.012	57.650	-0.008	57.659	-0.016	57.770	0.006	63.792	0.020	63.830	0.015	63.875	0.023	63.915	0.026
57.694	-0.024	57.736	-0.003	57.744	-0.002	57.770	-0.006	63.930	0.022	63.951	0.005	63.990	0.013	64.018	0.021
57.797	0.007	57.824	0.002	57.844	-0.010	57.889	-0.002								

64.047	0.016	64.066	0.011	64.083	0.003	64.100	0.023
64.127	0.010	64.155	0.018	64.186	0.014	64.193	0.009
64.218	0.017	64.249	0.004	64.264	0.004	64.273	0.008
64.280	0.012	64.287	0.003				

2836 POINTS 56.839 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1537 G/10.

[illegible]

4.587	0.317	4.598	0.499	4.610	0.634	4.619	0.828	7.350	0.114	7.360	0.282	7.370	0.426	7.379	0.468
4.628	0.882	4.646	0.828	4.651	0.735	4.667	0.676	7.396	0.540	7.411	0.658	7.422	0.780	7.432	0.831
4.682	0.701	4.693	0.676	4.701	0.469	4.709	0.258	7.448	0.759	7.462	0.553	7.471	0.401	7.488	0.228
4.719	0.026	4.727	-0.159	4.741	-0.197	4.752	-0.163	7.501	0.097	7.517	-0.029	7.534	-0.093	7.549	-0.008
4.763	-0.163	4.772	-0.201	4.780	-0.290	4.791	-0.399	7.562	0.089	7.575	0.228	7.580	0.300	7.593	0.367
4.804	-0.484	4.817	-0.437	4.824	-0.235	4.831	0.069	7.613	0.308	7.624	0.207	7.642	0.081	7.654	-0.008
4.839	0.288	4.845	0.508	4.850	0.718	4.863	0.811	7.667	0.109	7.682	-0.210	7.693	-0.261	7.705	-0.219
4.881	0.718	4.889	0.470	4.898	0.191	4.906	-0.053	7.718	-0.130	7.725	-0.037	7.731	0.039	7.748	0.161
4.911	-0.243	4.921	-0.349	4.932	-0.176	4.942	0.120	7.761	0.081	7.772	0.001	7.791	-0.063	7.805	-0.134
4.948	0.436	4.962	0.575	4.975	0.428	4.983	0.238	7.819	0.219	7.838	-0.294	7.858	-0.349	7.880	-0.400
4.988	0.078	4.998	0.057	5.012	0.099	5.029	0.175	7.899	-0.404	7.919	-0.332	7.932	-0.214	7.945	-0.078
5.045	0.234	5.066	0.327	5.086	0.230	5.094	0.082	7.959	0.090	7.969	0.217	7.988	0.361	8.010	-0.281
5.101	-0.057	5.107	-0.276	5.112	-0.403	5.117	-0.572	8.025	0.184	8.041	0.087	8.054	-0.044	8.061	-0.128
5.125	-0.766	5.134	-0.825	5.145	-0.761	5.153	-0.563	8.069	-0.191	8.082	-0.115	8.095	0.011	8.109	0.146
5.161	-0.411	5.171	-0.234	5.189	-0.200	5.206	-0.166	8.124	0.197	8.138	0.239	8.150	0.336	8.160	0.442
5.217	0.015	5.232	0.117	5.237	0.290	5.250	0.256	8.173	0.543	8.181	0.602	8.201	0.522	8.216	0.409
5.262	0.108	5.270	-0.246	5.286	-0.545	5.303	-0.266	8.231	0.308	8.239	0.211	8.248	0.114	8.254	0.084
5.316	0.193	5.327	0.497	5.334	0.670	5.349	0.822	8.266	0.152	8.279	0.249	8.287	0.316	8.299	0.359
5.362	0.797	5.370	0.666	5.380	0.375	5.388	-0.012	8.314	0.308	8.322	0.211	8.327	0.135	8.334	0.047
5.396	-0.257	5.414	-0.434	5.423	-0.451	5.439	-0.316	8.340	-0.016	8.350	0.043	8.360	0.191	8.368	0.304
5.449	-0.003	5.454	0.237	5.460	0.456	5.477	0.621	8.380	0.414	8.395	0.338	8.405	0.245	8.411	0.165
5.491	0.461	5.500	0.238	5.506	0.039	5.519	-0.163	8.415	0.110	8.428	0.035	8.439	0.085	8.453	0.127
5.541	-0.264	5.552	-0.217	5.564	-0.124	5.577	-0.061	8.471	0.157	8.484	0.165	8.506	0.157	8.514	0.119
5.587	-0.061	5.600	-0.200	5.608	-0.398	5.615	-0.638	8.527	0.199	8.544	0.304	8.552	0.372	8.564	0.435
5.633	-0.718	5.652	-0.575	5.668	-0.389	5.677	-0.271	8.578	0.350	8.592	0.190	8.603	0.076	8.610	-0.004
5.692	-0.203	5.700	-0.258	5.713	-0.372	5.725	-0.486	8.625	-0.021	8.635	0.038	8.654	0.089	8.671	0.034
5.733	-0.515	5.750	-0.426	5.758	-0.334	5.767	-0.199	8.684	-0.012	8.697	-0.025	8.711	-0.008	8.729	0.021
5.782	-0.152	5.800	-0.249	5.813	-0.333	5.832	-0.388	8.744	-0.017	8.757	-0.055	8.770	0.017	8.788	0.122
5.842	-0.519	5.853	-0.692	5.870	-0.713	5.891	-0.624	8.800	0.198	8.812	0.266	8.828	0.337	8.850	0.291
5.901	-0.544	5.920	-0.476	5.940	-0.467	5.956	-0.446	8.861	0.244	8.874	0.223	8.889	0.291	8.907	0.383
5.971	-0.202	5.976	-0.029	5.983	0.094	5.996	0.191	8.921	0.417	8.937	0.451	8.955	0.446	8.972	0.345
6.010	0.145	6.025	0.094	6.036	0.111	6.051	0.179	8.987	0.227	8.990	0.121	9.003	0.033	9.018	0.121
6.063	0.128	6.073	-0.003	6.086	-0.121	6.103	-0.116	9.031	0.209	9.050	0.315	9.074	0.386	9.096	0.424
6.116	-0.116	6.131	-0.129	6.146	-0.129	6.165	-0.095	9.114	0.449	9.130	0.390	9.145	0.280	9.152	0.204
6.185	-0.037	6.203	-0.129	6.212	-0.294	6.225	-0.345	9.160	0.128	9.172	0.074	9.183	0.149	9.193	0.208
6.238	-0.214	6.253	-0.054	6.277	0.026	6.304	0.089	9.205	0.246	9.224	0.204	9.243	0.162	9.258	0.115
6.319	0.106	6.329	0.089	6.340	0.182	6.350	0.296	9.279	0.052	9.299	0.005	9.312	-0.024	9.325	-0.033
6.367	0.422	6.387	0.426	6.400	0.439	6.417	0.371	9.338	-0.016	9.355	-0.025	9.370	-0.050	9.383	-0.025
6.427	0.190	6.451	0.067	6.472	0.092	6.492	0.041	9.396	-0.029	9.421	-0.034	9.432	-0.042	9.442	-0.046
6.516	-0.026	6.532	-0.182	6.546	-0.284	6.561	-0.318	9.452	-0.034	9.462	-0.042	9.479	-0.089	9.492	-0.139
6.579	-0.339	6.593	-0.314	6.611	-0.238	6.619	-0.094	9.502	-0.177	9.515	-0.131	9.528	-0.068	9.538	-0.026
6.632	0.024	6.644	0.129	6.659	0.179	6.665	0.167	9.543	0.008	9.556	0.029	9.574	-0.034	9.584	-0.098
6.683	0.154	6.697	0.221	6.705	0.285	6.717	0.365	9.597	-0.186	9.614	-0.279	9.630	-0.364	9.637	-0.431
6.726	0.356	6.741	0.331	6.753	0.347	6.763	0.364	9.658	-0.436	9.674	-0.415	9.694	-0.410	9.714	-0.398
6.784	0.280	6.793	0.166	6.803	0.085	6.816	-0.033	9.732	-0.389	9.745	-0.394	9.755	-0.381	9.766	-0.352
6.829	-0.113	6.849	-0.164	6.864	-0.232	6.887	-0.367	9.778	-0.280	9.786	-0.229	9.798	-0.179	9.812	-0.238
6.902	-0.460	6.912	-0.570	6.922	-0.734	6.935	-0.937	9.827	-0.301	9.835	-0.360	9.847	-0.364	9.863	-0.276
6.942	-1.021	6.955	-1.089	6.975	-1.068	6.996	-1.039	9.876	-0.196	9.893	-0.141	9.911	-0.120	9.926	-0.112
7.011	-1.001	7.033	-0.955	7.044	-0.887	7.054	-0.790	9.944	-0.183	9.965	-0.255	9.981	-0.297	9.998	-0.259
7.061	-0.656	7.077	-0.352	7.087	-0.248	7.087	-0.248	10.016	-0.213	10.035	-0.163	10.053	-0.120	10.072	-0.099
7.089	-0.188	7.095	-0.171	7.110	-0.209	7.118	-0.268	10.090	-0.116	10.109	-0.171	10.122	-0.196	10.139	-0.171
7.127	-0.353	7.141	-0.429	7.153	-0.357	7.168	-0.248	10.153	-0.129	10.175	-0.053	10.191	-0.049	10.203	-0.061
7.176	-0.125	7.194	0.035	7.207	0.136	7.220	0.220	10.217	-0.019	10.232	0.040	10.252	0.078	10.261	0.078
7.233	0.342	7.241	0.494	7.251	0.654	7.260	0.873	10.276	0.090	10.293	0.074	10.311	0.006	10.329	-0.028
7.268	0.958	7.286	0.869	7.297	0.649	7.307	0.316	10.345	-0.057	10.360	-0.053	10.383	-0.044	10.404	-0.032
7.314	0.021	7.320	-0.152	7.327	-0.186	7.340	-0.097	10.419	-0.032	10.430	-0.023	10.443	-0.011	10.466	-0.045

10.476	-0.078	10.486	-0.133	10.505	-0.112	10.520	-0.045	14.205	0.160	14.215	0.198	14.239	0.181	14.253	0.143
10.535	0.006	10.546	0.039	10.558	0.111	10.572	0.140	14.272	0.185	14.294	0.206	14.308	0.232	14.330	0.223
10.590	0.107	10.604	0.014	10.617	-0.041	10.623	-0.041	14.341	0.211	14.366	0.249	14.379	0.303	14.392	0.320
10.633	-0.012	10.643	0.009	10.659	0.001	10.673	-0.020	14.422	0.299	14.441	0.257	14.450	0.240	14.463	0.257
10.683	-0.008	10.697	0.039	10.709	0.093	10.724	0.140	14.482	0.278	14.507	0.249	14.523	0.190	14.542	0.139
10.732	-0.161	10.748	0.127	10.758	0.043	10.771	-0.054	14.563	0.139	14.586	0.093	14.606	0.042	14.622	0.038
10.780	-0.151	10.784	-0.227	10.799	-0.303	10.817	-0.236	14.648	0.046	14.671	0.034	14.688	0.021	14.706	0.042
10.839	-0.198	10.855	-0.173	10.868	-0.148	10.883	-0.177	14.727	0.080	14.745	0.093	14.765	0.160	14.773	0.131
10.895	-0.173	10.906	-0.182	10.921	-0.144	10.934	-0.089	14.799	0.080	14.812	0.017	14.824	-0.013	14.843	0.008
10.952	-0.110	10.972	-0.110	10.985	-0.030	10.995	0.041	14.866	0.038	14.889	0.008	14.909	-0.055	14.930	-0.118
11.010	0.104	11.026	0.066	11.041	0.024	11.056	0.003	14.947	-0.169	14.955	-0.198	14.975	-0.152	14.983	-0.123
11.066	-0.031	11.081	-0.035	11.092	-0.027	11.112	-0.027	14.998	-0.089	15.016	-0.144	15.031	-0.190	15.039	-0.224
11.132	-0.133	11.147	-0.230	11.158	-0.175	11.171	-0.171	15.058	-0.190	15.073	-0.144	15.088	-0.127	15.106	-0.110
11.198	-0.222	11.210	-0.311	11.231	-0.383	11.244	-0.349	15.121	-0.106	15.135	-0.080	15.148	-0.068	15.163	-0.110
11.264	-0.282	11.282	-0.202	11.312	-0.198	11.330	-0.131	15.179	-0.169	15.197	-0.224	15.218	-0.215	15.241	-0.224
11.345	-0.038	11.365	-0.004	11.382	0.017	11.401	0.118	15.258	-0.232	15.267	-0.241	15.290	-0.228	15.300	-0.232
11.415	0.227	11.435	0.286	11.463	0.295	11.484	0.218	15.355	-0.144	15.326	-0.245	15.331	-0.241	15.342	-0.198
11.502	0.282	11.522	0.303	11.540	0.286	11.554	0.218	15.401	0.029	15.419	0.012	15.437	-0.009	15.458	-0.059
11.570	0.180	11.587	0.226	11.600	0.239	11.623	0.171	15.476	-0.076	15.496	-0.131	15.504	-0.177	15.519	-0.220
11.643	0.087	11.659	0.011	11.676	0.024	11.692	0.070	15.532	-0.177	15.548	-0.160	15.569	-0.165	15.585	-0.148
11.765	-0.129	11.780	-0.070	11.793	-0.015	11.812	-0.048	15.600	-0.123	15.615	-0.102	15.636	-0.123	15.654	-0.140
11.836	0.027	11.858	-0.006	11.878	0.053	11.889	0.087	15.668	-0.119	15.686	-0.076	15.703	-0.076	15.735	-0.081
11.904	0.108	11.924	0.095	11.934	0.066	11.950	0.091	15.755	-0.064	15.771	-0.030	15.789	-0.001	15.804	-0.009
11.964	0.133	11.982	0.125	12.000	0.112	12.013	0.125	15.820	-0.030	15.834	-0.014	15.849	0.008	15.860	0.041
12.031	0.150	12.059	0.083	12.079	0.011	12.097	-0.069	15.874	0.012	15.895	-0.031	15.909	-0.077	15.921	-0.077
12.111	-0.158	12.129	-0.225	12.155	-0.174	12.168	-0.128	15.937	-0.014	15.942	0.028	15.955	0.083	15.983	0.007
12.185	-0.081	12.201	-0.035	12.221	-0.056	12.234	-0.107	16.004	-0.048	16.015	-0.069	16.035	-0.103	16.046	-0.099
12.249	-0.069	12.267	-0.001	12.295	-0.026	12.316	-0.052	16.067	-0.074	16.085	-0.066	16.110	-0.045	16.131	-0.011
12.341	-0.060	12.364	-0.140	12.381	-0.229	12.400	-0.317	16.154	0.048	16.170	0.060	16.188	-0.007	16.202	-0.067
12.415	-0.258	12.427	-0.174	12.433	-0.119	12.446	-0.089	16.219	-0.105	16.232	-0.088	16.246	-0.067	16.259	-0.063
12.464	-0.144	12.478	-0.182	12.489	-0.207	12.512	-0.165	16.273	-0.097	16.293	-0.093	16.310	-0.076	16.320	-0.013
12.537	-0.114	12.552	-0.076	12.568	-0.026	12.590	-0.030	16.347	0.038	16.370	-0.017	16.383	-0.043	16.398	-0.068
12.606	-0.068	12.622	-0.114	12.642	-0.156	12.657	-0.135	16.411	-0.073	16.436	-0.018	16.455	0.058	16.466	0.074
12.672	-0.114	12.691	-0.135	12.701	-0.148	12.719	-0.148	16.491	0.057	16.501	0.053	16.519	0.108	16.535	0.184
12.742	-0.198	12.756	-0.261	12.764	-0.287	12.780	-0.211	16.546	0.226	16.568	0.158	16.590	0.095	16.618	0.082
12.793	-0.160	12.813	-0.071	12.826	-0.059	12.841	-0.008	16.644	0.107	16.669	0.153	16.688	0.178	16.716	0.199
12.854	0.085	12.862	0.156	12.877	0.220	12.899	0.144	16.740	0.119	16.753	0.059	16.767	0.093	16.786	0.122
12.908	0.060	12.922	-0.029	12.935	-0.075	12.948	-0.012	16.802	0.101	16.829	0.054	16.845	0.029	16.864	0.054
12.964	0.043	12.974	0.161	13.005	0.098	13.005	0.098	16.879	0.096	16.892	0.100	16.907	0.066	16.925	0.049
13.025	0.132	13.040	0.135	13.112	-0.062	13.132	0.001	16.956	0.066	16.970	0.079	16.995	0.083	17.021	0.062
13.084	-0.024	13.097	-0.058	13.112	-0.062	13.132	0.001	17.041	0.066	17.055	0.057	17.072	0.045	17.093	0.053
13.143	0.048	13.161	0.077	13.183	0.044	13.199	-0.007	17.108	-0.002	17.119	-0.048	17.129	-0.078	17.140	-0.107
13.219	-0.057	13.234	-0.032	13.248	-0.028	13.263	-0.091	17.152	-0.082	17.167	-0.057	17.183	-0.045	17.203	-0.099
13.275	-0.163	13.288	-0.205	13.306	-0.150	13.321	-0.061	17.211	-0.112	17.226	-0.091	17.244	-0.044	17.265	0.011
13.334	0.006	13.347	0.070	13.360	0.099	13.381	0.074	17.278	0.036	17.300	0.015	17.318	-0.002	17.338	0.010
13.404	0.045	13.432	0.024	13.453	0.066	13.471	0.108	17.356	0.027	17.382	0.048	17.388	0.053	17.402	0.061
13.485	0.129	13.508	0.104	13.529	0.066	13.552	0.024	17.425	0.036	17.448	-0.011	17.466	-0.044	17.487	-0.048
13.580	-0.022	13.608	-0.052	13.631	-0.073	13.662	-0.077	17.512	-0.006	17.525	-0.031	17.546	-0.031	17.565	-0.036
13.690	-0.089	13.714	-0.106	13.741	-0.119	13.760	-0.110	17.592	-0.044	17.614	-0.031	17.640	-0.040	17.655	-0.040
13.772	-0.110	13.793	-0.135	13.805	-0.148	13.831	-0.097	17.673	-0.057	17.686	-0.044	17.708	-0.031	17.726	-0.048
13.850	-0.038	13.870	0.008	13.887	0.046	13.905	0.088	17.747	-0.056	17.771	-0.094	17.787	-0.073	17.802	-0.056
13.929	0.042	13.951	-0.000	13.972	-0.051	13.985	-0.089	17.823	-0.073	17.842	-0.081	17.857	-0.073	17.873	-0.018
13.998	-0.030	14.016	0.038	14.037	0.101	14.059	0.152	17.886	0.003	17.896	0.024	17.916	0.016	17.928	-0.005
14.074	0.181	14.093	0.156	14.115	0.101	14.128	0.080	17.944	0.029	17.957	0.033	17.982	0.008	17.999	-0.025
14.141	0.114	14.154	0.156	14.174	0.135	14.187	0.131	18.017	-0.017	18.037	-0.012	18.057	-0.054	18.073	-0.079

18.091	-0.007	18.109	0.056	18.124	0.103	18.149	0.078	22.151	0.056	22.172	0.064	22.183	0.013	22.198	-0.021
18.167	0.023	18.182	-0.019	18.207	-0.002	18.230	0.015	22.215	-0.012	22.228	0.013	22.247	0.038	22.260	0.063
18.250	0.011	18.268	0.020	18.283	0.020	18.303	0.025	22.277	0.033	22.292	0.021	22.315	-0.001	22.342	0.020
18.321	-0.005	18.334	-0.038	18.354	-0.029	18.371	-0.008	22.362	0.020	22.380	0.011	22.401	0.007	22.426	0.015
18.392	0.022	18.409	0.022	18.424	0.039	18.445	0.005	22.441	0.019	22.457	0.027	22.467	0.031	22.485	0.035
18.462	-0.024	18.475	-0.049	18.488	-0.066	18.505	-0.045	22.500	0.035	22.518	0.018	22.531	0.031	22.546	0.056
18.515	-0.023	18.526	-0.006	18.546	-0.040	18.564	-0.086	22.569	0.022	22.583	-0.016	22.593	-0.024	22.608	0.022
18.579	-0.116	18.594	-0.090	18.612	-0.048	18.622	-0.035	22.621	0.064	22.636	0.089	22.659	0.094	22.684	0.030
18.637	-0.014	18.655	-0.035	18.678	-0.068	18.685	-0.077	22.705	0.018	22.725	0.047	22.746	0.051	22.765	0.060
18.698	-0.043	18.710	-0.013	18.731	-0.038	18.758	-0.068	22.786	0.051	22.799	0.035	22.814	0.022	22.832	0.014
18.772	-0.089	18.792	-0.123	18.804	-0.145	18.825	-0.116	22.845	0.035	22.857	0.047	22.868	0.056	22.880	0.064
18.844	-0.078	18.858	-0.049	18.872	-0.040	18.891	-0.083	22.895	0.018	22.911	-0.024	22.926	-0.062	22.951	-0.071
18.910	-0.138	18.923	-0.180	18.941	-0.134	18.959	-0.067	22.967	-0.041	22.985	-0.008	23.003	0.035	23.020	0.064
18.974	0.005	18.984	0.038	19.009	0.004	19.025	-0.051	23.040	0.089	23.064	0.094	23.084	0.069	23.099	0.035
19.040	-0.097	19.062	-0.115	19.080	-0.073	19.099	-0.022	23.116	-0.003	23.135	-0.016	23.154	0.001	23.175	0.001
19.114	0.049	19.128	0.121	19.152	0.070	19.166	0.036	23.192	0.018	23.208	0.035	23.228	0.014	23.236	0.001
19.189	0.040	19.218	0.052	19.238	0.081	19.256	0.119	23.248	0.010	23.265	0.018	23.276	0.035	23.303	0.018
19.273	0.148	19.294	0.139	19.319	0.122	19.334	0.088	23.321	-0.011	23.346	-0.045	23.362	-0.036	23.377	-0.015
19.354	0.092	19.377	0.113	19.400	0.125	19.413	0.146	23.395	-0.007	23.415	-0.015	23.432	-0.028	23.456	-0.049
19.430	0.154	19.455	0.146	19.486	0.099	19.516	0.040	23.470	-0.066	23.486	-0.074	23.508	-0.049	23.529	-0.057
19.524	0.002	19.532	-0.006	19.550	0.024	19.564	0.062	23.574	-0.070	23.582	-0.032	23.612	-0.041	23.638	-0.024
19.578	0.091	19.600	0.045	19.625	0.012	19.641	0.033	23.665	0.001	23.686	0.018	23.718	0.018	23.741	0.026
19.654	0.058	19.676	0.037	19.696	-0.017	19.709	-0.059	23.759	0.038	23.774	0.043	23.799	0.009	23.812	-0.021
19.722	-0.089	19.742	-0.021	19.755	0.042	19.768	0.097	23.833	-0.021	23.852	0.004	23.876	0.004	23.893	-0.009
19.794	0.089	19.822	0.085	19.852	0.056	19.879	0.039	23.909	-0.013	23.928	-0.000	23.944	0.016	23.956	0.033
19.898	0.026	19.923	0.052	19.944	0.064	19.963	0.102	23.971	0.042	23.984	0.033	23.995	0.029	24.014	0.037
19.981	0.124	19.999	0.090	20.019	0.044	20.038	0.039	24.028	0.033	24.047	0.003	24.065	-0.052	24.091	-0.047
20.060	0.018	20.085	0.023	20.106	0.006	20.119	-0.011	24.113	-0.056	24.129	-0.060	24.149	-0.065	24.165	-0.065
20.131	-0.011	20.152	0.014	20.165	0.040	20.183	0.065	24.183	-0.065	24.197	-0.094	24.213	-0.132	24.221	-0.162
20.210	0.056	20.233	0.031	20.249	0.010	20.262	0.001	24.233	-0.175	24.251	-0.120	24.263	-0.086	24.291	-0.070
20.275	-0.007	20.290	-0.007	20.307	0.013	20.317	0.026	24.307	-0.053	24.322	-0.061	24.342	-0.044	24.360	-0.040
20.333	0.039	20.349	-0.016	20.366	-0.088	20.381	-0.143	24.378	-0.045	24.399	-0.045	24.414	-0.053	24.432	-0.045
20.402	-0.177	20.415	-0.139	20.430	-0.106	20.448	-0.102	24.450	-0.070	24.467	-0.045	24.480	-0.019	24.495	-0.011
20.468	-0.098	20.486	-0.081	20.499	-0.051	20.524	-0.026	24.518	-0.015	24.526	-0.049	24.538	-0.058	24.554	-0.070
20.552	-0.027	20.583	-0.022	20.604	-0.027	20.626	-0.039	24.567	-0.049	24.579	-0.020	24.592	0.018	24.607	-0.044
20.639	-0.039	20.655	-0.014	20.672	0.011	20.692	-0.010	24.622	0.027	24.638	0.018	24.651	-0.007	24.665	-0.024
20.716	-0.056	20.743	-0.027	20.769	-0.027	20.800	-0.039	24.681	-0.037	24.702	-0.028	24.721	-0.007	24.739	0.005
20.822	-0.018	20.848	-0.005	20.869	-0.005	20.891	-0.005	24.757	0.014	24.777	0.018	24.793	0.018	24.810	0.030
20.920	0.011	20.943	-0.010	20.967	-0.039	20.993	-0.022	24.823	0.035	24.846	0.047	24.867	0.026	24.885	0.043
21.013	-0.010	21.032	-0.014	21.050	-0.001	21.064	-0.018	24.903	0.068	24.923	0.093	24.948	0.067	24.979	0.059
21.082	-0.027	21.105	-0.077	21.116	-0.107	21.131	-0.086	24.999	0.071	25.020	0.046	25.038	0.046	25.060	0.063
21.146	-0.048	21.161	-0.022	21.190	-0.014	21.215	0.011	25.085	0.079	25.118	0.045	25.136	0.011	25.162	0.015
21.243	-0.019	21.263	-0.007	21.283	-0.024	21.324	-0.037	25.191	-0.006	25.207	-0.027	25.227	-0.040	25.239	-0.036
21.334	-0.045	21.347	-0.020	21.360	0.013	21.377	-0.004	25.263	-0.023	25.302	-0.011	25.321	-0.015	25.343	-0.020
21.396	-0.021	21.406	-0.050	21.428	-0.008	21.441	0.004	25.368	-0.024	25.394	-0.045	25.422	-0.054	25.449	-0.058
21.467	-0.005	21.490	-0.014	21.513	-0.010	21.541	-0.006	25.470	-0.071	25.495	-0.080	25.522	-0.059	25.548	-0.051
21.564	0.002	21.588	0.010	21.604	0.022	21.619	0.022	25.576	-0.055	25.600	-0.055	25.618	-0.017	25.636	0.012
21.640	-0.003	21.648	0.001	21.660	0.009	21.676	0.009	25.650	0.012	25.669	0.003	25.688	-0.009	25.708	-0.018
21.696	-0.017	21.706	-0.055	21.712	-0.089	21.721	-0.114	25.723	-0.014	25.741	0.016	25.759	0.037	25.779	0.058
21.732	-0.043	21.748	-0.022	21.763	-0.005	21.781	0.003	25.794	0.066	25.816	0.083	25.836	0.095	25.854	0.099
21.799	-0.014	21.819	-0.052	21.824	-0.091	21.831	-0.129	25.872	0.095	25.891	0.099	25.917	0.086	25.939	0.082
21.844	-0.150	21.862	-0.112	21.877	-0.083	21.896	-0.054	25.954	0.074	25.972	0.061	25.987	0.036	26.004	0.027
21.913	-0.025	21.934	0.000	21.942	-0.025	21.965	-0.055	26.024	0.040	26.041	0.056	26.055	0.069	26.070	0.077
21.982	-0.021	22.001	0.003	22.014	-0.009	22.031	-0.005	26.087	0.081	26.112	0.073	26.135	0.064	26.160	0.056
22.044	0.011	22.059	0.019	22.074	0.023	22.092	0.006	26.185	0.068	26.205	0.077	26.224	0.047	26.245	0.030
22.105	-0.019	22.115	-0.024	22.126	-0.023	22.138	0.039	26.262	0.013	26.279	-0.004	26.297	0.005	26.315	-0.008

26.329	0.004	26.347	0.000	26.360	0.004	26.380	-0.009	31.252	0.172	31.273	0.146	31.292	0.100	31.306	0.074
26.400	-0.013	26.412	-0.030	26.428	-0.034	26.453	-0.034	31.348	0.116	31.366	0.065	31.401	-0.036	31.431	-0.045
26.475	-0.030	26.487	-0.018	26.505	-0.026	26.520	-0.056	31.447	-0.079	31.479	-0.112	31.492	-0.125	31.522	-0.071
26.535	-0.077	26.553	-0.077	26.575	-0.077	26.595	-0.089	31.552	-0.045	31.571	-0.029	31.591	-0.004	31.611	0.022
26.608	-0.060	26.627	-0.060	26.648	-0.052	26.667	-0.044	31.636	-0.017	31.651	-0.029	31.672	0.017	31.695	0.046
26.687	-0.039	26.707	-0.035	26.725	-0.039	26.745	-0.052	31.720	0.038	31.763	0.025	31.781	0.037	31.798	0.033
26.760	-0.065	26.772	-0.073	26.785	-0.077	26.798	-0.086	31.821	-0.035	31.838	-0.081	31.858	-0.132	31.882	-0.043
26.812	-0.086	26.825	-0.065	26.840	-0.048	26.852	-0.043	31.896	0.011	31.911	0.049	31.937	-0.031	31.954	-0.086
26.867	-0.048	26.885	-0.056	26.898	-0.060	26.908	-0.056	31.965	-0.120	31.993	-0.027	32.010	-0.075	32.053	-0.095
26.935	-0.039	26.953	-0.063	26.972	-0.022	26.992	-0.038	32.066	0.035	32.083	-0.007	32.114	-0.075	32.142	-0.033
27.022	-0.050	27.035	-0.063	27.065	-0.028	27.092	-0.007	32.173	-0.029	32.197	-0.033	32.232	-0.017	32.264	0.008
27.113	-0.010	27.133	-0.014	27.161	0.012	27.184	0.033	32.290	0.042	32.317	-0.005	32.335	-0.064	32.362	-0.120
27.202	0.025	27.222	0.013	27.241	0.022	27.273	0.026	32.387	-0.040	32.412	-0.006	32.436	-0.036	32.456	-0.070
27.302	0.031	27.317	0.027	27.335	0.014	27.345	0.019	32.492	-0.121	32.515	-0.087	32.544	-0.071	32.577	-0.046
27.370	0.023	27.388	0.024	27.408	-0.006	27.424	-0.018	32.601	0.018	32.626	-0.022	32.658	-0.022	32.676	-0.052
27.442	-0.027	27.460	-0.027	27.482	-0.023	27.502	-0.015	32.702	-0.018	32.729	-0.040	32.768	-0.049	32.794	-0.015
27.523	-0.003	27.548	-0.011	27.574	-0.029	27.595	-0.038	32.825	0.031	32.849	0.013	32.878	0.004	32.900	-0.000
27.626	-0.029	27.645	-0.009	27.665	-0.000	27.691	-0.005	32.919	-0.005	32.940	-0.033	32.963	-0.054	32.988	0.032
27.712	-0.018	27.737	-0.018	27.770	-0.019	27.801	-0.023	33.007	-0.006	33.028	-0.048	33.046	-0.095	33.082	-0.062
27.825	-0.028	27.854	-0.037	27.881	-0.041	27.907	-0.050	33.108	-0.041	33.133	-0.042	33.144	-0.042	33.164	0.000
27.923	-0.050	27.944	-0.046	28.040	-0.013	28.059	-0.030	33.187	0.015	33.213	0.029	33.244	-0.001	33.277	0.011
27.995	-0.021	28.014	0.016	28.137	-0.014	28.155	-0.014	33.403	0.013	33.424	0.038	33.446	0.050	33.455	0.033
28.085	-0.022	28.116	-0.014	28.215	-0.015	28.236	-0.002	33.485	-0.012	33.513	0.003	33.537	0.023	33.554	0.019
28.173	-0.014	28.208	-0.015	28.304	0.006	28.330	-0.011	33.591	-0.007	33.627	-0.003	33.649	0.035	33.660	0.043
28.260	0.006	28.281	0.010	28.304	0.022	28.429	-0.004	33.688	0.051	33.722	0.051	33.737	0.051	33.763	0.080
28.351	-0.007	28.372	0.005	28.408	0.022	28.429	-0.004	33.784	0.092	33.801	0.075	33.819	0.050	33.835	0.066
28.454	-0.017	28.471	-0.021	28.502	0.008	28.514	0.007	33.878	0.079	33.906	0.070	33.932	0.082	33.963	0.069
28.543	-0.013	28.566	-0.030	28.590	-0.025	28.618	-0.017	33.978	0.039	34.032	0.031	34.065	0.030	34.076	0.030
28.646	-0.029	28.672	-0.038	28.695	-0.046	28.722	-0.029	34.091	0.018	34.135	0.005	34.150	0.030	34.174	0.055
28.750	-0.017	28.775	0.009	28.809	0.017	28.836	0.026	34.096	0.034	34.235	0.051	34.274	0.034	34.313	0.017
28.860	0.038	28.892	0.064	28.915	0.077	28.936	0.077	34.207	0.034	34.380	0.009	34.410	-0.009	34.439	0.008
28.953	0.077	28.971	0.077	28.990	0.077	29.023	0.081	34.349	0.009	34.384	0.008	34.534	-0.030	34.554	-0.009
29.051	0.068	29.077	0.052	29.097	0.052	29.119	0.052	34.479	0.034	34.500	0.008	34.628	0.008	34.650	-0.017
29.139	0.043	29.159	0.043	29.182	0.035	29.201	0.035	34.588	-0.034	34.613	0.008	34.735	0.029	34.748	0.029
29.221	0.031	29.241	0.018	29.260	0.010	29.278	0.006	34.775	0.046	34.806	0.063	34.840	0.029	34.876	0.004
29.311	0.018	29.339	0.027	29.356	0.023	29.382	0.002	34.918	-0.013	34.934	-0.009	34.992	-0.000	35.020	-0.000
29.401	-0.015	29.426	-0.032	29.436	-0.041	29.460	-0.011	35.057	-0.013	35.077	-0.017	35.103	-0.021	35.123	-0.021
29.482	0.019	29.510	0.044	29.536	0.052	29.554	0.040	35.160	-0.034	35.186	-0.080	35.213	-0.068	35.250	-0.055
29.575	0.010	29.595	-0.002	29.618	0.006	29.654	0.014	35.293	-0.055	35.314	-0.085	35.335	-0.055	35.368	-0.026
29.674	0.027	29.692	0.035	29.717	0.001	29.740	-0.024	35.410	-0.055	35.438	-0.072	35.479	-0.042	35.515	-0.009
29.757	0.009	29.771	0.009	29.801	0.017	29.832	0.017	35.552	0.042	35.595	0.042	35.634	0.046	35.647	0.038
29.864	0.025	29.885	0.004	29.903	-0.009	29.931	0.016	35.703	-0.004	35.746	0.004	35.777	0.008	35.805	0.046
29.951	0.033	29.966	0.054	29.989	0.063	30.007	0.062	35.843	0.025	35.884	0.025	35.920	0.025	35.950	0.025
30.027	0.054	30.047	0.033	30.068	0.024	30.094	0.024	35.976	0.029	36.009	0.059	36.027	0.072	36.062	0.038
30.126	0.027	30.149	0.002	30.167	-0.011	30.206	0.014	36.108	0.017	36.144	-0.004	36.172	-0.017	36.204	-0.029
30.224	0.030	30.259	0.009	30.270	0.009	30.312	0.034	36.240	-0.038	36.268	-0.034	36.308	-0.025	36.337	-0.029
30.331	0.042	30.364	0.029	30.397	0.028	30.415	0.028	36.357	-0.029	36.389	-0.029	36.418	-0.050	36.451	-0.029
30.437	0.028	30.469	0.023	30.489	0.019	30.507	0.040	36.479	-0.025	36.498	-0.016	36.544	-0.016	36.587	-0.021
30.540	0.069	30.565	0.052	30.588	0.034	30.621	0.034	36.620	0.005	36.654	-0.004	36.666	-0.004	36.681	0.013
30.639	0.030	30.655	0.017	30.672	0.008	30.779	-0.001	36.714	0.025	36.727	0.021	36.765	-0.008	36.808	-0.004
30.711	0.016	30.739	-0.014	30.836	-0.002	30.866	-0.036	36.843	-0.009	36.869	0.021	36.897	0.025	36.926	0.004
30.797	-0.027	30.817	-0.014	30.836	-0.002	30.866	-0.036	36.940	-0.001	36.967	0.020	36.993	0.003	37.023	-0.014
30.891	-0.007	30.915	0.010	30.935	0.010	30.951	0.005	37.036	-0.014	37.064	-0.006	37.106	0.011	37.134	0.019
30.965	0.060	30.983	0.068	31.004	0.034	31.029	0.005	37.145	0.027	37.168	0.027	37.195	0.035	37.218	0.030
31.050	0.017	31.076	0.008	31.088	-0.030	31.113	-0.076	37.236	0.022	37.264	0.046	37.284	0.029	37.302	0.012
31.141	-0.064	31.166	-0.035	31.191	0.020	31.214	0.104								

37.323	-0.001	37.342	0.008	37.388	0.011	37.413	0.023	43.310	-0.021	43.336	-0.029	43.369	-0.034	43.387	-0.013
37.441	-0.011	37.479	-0.028	37.505	-0.029	37.535	-0.029	43.417	-0.005	43.440	-0.026	43.460	-0.030	43.493	-0.026
37.571	-0.012	37.602	0.012	37.624	0.004	37.670	0.013	43.535	-0.027	43.561	-0.023	43.592	-0.010	43.616	-0.011
37.708	-0.022	37.739	0.003	37.778	0.020	37.797	0.015	43.649	-0.024	43.680	-0.023	43.725	-0.010	43.735	-0.020
37.820	-0.006	37.843	-0.006	37.843	-0.002	37.877	0.002	43.773	-0.017	43.799	-0.017	43.829	-0.013	43.844	-0.013
37.899	0.006	37.933	0.002	37.963	-0.003	37.983	-0.007	43.869	-0.026	43.890	-0.030	43.913	-0.014	43.938	-0.014
38.007	-0.024	38.020	-0.024	38.058	-0.029	38.085	-0.021	43.869	-0.014	43.986	-0.014	44.013	-0.015	44.044	-0.007
38.111	-0.012	38.141	-0.008	38.166	-0.004	38.197	0.004	44.079	-0.003	44.112	0.005	44.145	0.001	44.176	0.000
38.222	0.004	38.245	-0.000	38.276	-0.009	38.288	-0.013	44.201	-0.004	44.219	0.008	44.235	0.008	44.279	0.008
38.313	0.004	38.344	0.017	38.360	0.012	38.390	0.012	44.319	0.003	44.355	-0.027	44.386	-0.023	44.409	-0.002
38.422	0.012	38.448	0.004	38.471	0.029	38.509	0.046	44.447	0.002	44.470	-0.011	44.491	-0.011	44.513	0.005
38.537	0.042	38.549	0.042	38.567	0.050	38.580	0.055	44.557	0.005	44.578	0.017	44.598	0.021	44.623	0.021
38.613	0.067	38.641	0.076	38.674	0.088	38.705	0.088	44.652	0.007	44.680	-0.002	44.708	-0.002	44.734	-0.007
38.715	0.084	38.755	0.075	38.773	0.075	38.803	0.079	44.759	0.001	44.780	0.013	44.800	0.017	44.821	0.008
38.832	0.083	38.850	0.075	38.883	0.049	38.935	0.036	44.841	0.008	44.857	0.004	44.873	0.012	44.898	0.020
38.964	0.028	38.997	0.011	39.022	0.006	39.057	0.014	44.939	0.019	44.963	0.019	44.996	0.026	45.032	0.017
39.096	0.014	39.130	0.005	39.175	-0.021	39.202	-0.017	45.050	0.013	45.071	0.021	45.093	0.029	45.129	0.032
39.225	-0.000	39.261	-0.001	39.281	0.003	39.310	-0.014	45.149	0.024	45.180	0.006	45.205	0.001	45.229	-0.007
39.327	-0.031	39.351	-0.010	39.376	0.007	39.405	-0.027	45.244	-0.008	45.264	-0.008	45.290	-0.004	45.327	-0.005
39.426	-0.040	39.448	-0.011	39.477	0.027	39.502	0.009	45.358	-0.006	45.379	-0.014	45.406	-0.011	45.425	-0.011
39.529	0.001	39.554	0.017	39.582	0.043	39.608	0.030	45.478	-0.012	45.527	-0.013	45.567	-0.018	45.602	-0.014
39.623	0.025	39.639	0.034	39.671	0.046	39.697	0.042	45.623	-0.006	45.663	-0.002	45.702	0.002	45.721	-0.011
39.731	0.024	39.756	0.058	39.782	0.079	39.810	0.049	45.747	0.016	45.762	0.014	45.800	0.010	45.838	-0.003
39.838	0.023	39.868	0.023	39.894	0.023	39.920	0.023	45.874	-0.010	45.901	-0.016	45.934	-0.008	45.952	-0.008
39.948	0.023	39.973	0.014	39.984	0.022	40.025	0.030	45.973	-0.004	45.998	0.021	46.038	0.004	46.063	-0.009
40.045	0.009	40.078	0.005	40.113	0.009	40.136	0.022	46.104	-0.017	46.137	-0.013	46.172	-0.017	46.208	-0.017
40.154	0.005	40.171	-0.004	40.190	0.009	40.218	0.009	46.228	-0.026	46.262	-0.013	46.294	-0.001	46.328	-0.001
40.237	0.009	40.253	0.009	40.273	0.009	40.298	0.009	46.373	-0.001	46.406	-0.001	46.441	-0.001	46.474	-0.001
40.317	0.009	40.332	0.000	40.346	-0.017	40.362	-0.025	46.492	-0.001	46.512	0.003	46.528	0.011	46.556	0.018
40.374	-0.025	40.405	-0.029	40.435	-0.034	40.451	-0.034	46.594	0.006	46.621	-0.002	46.645	0.006	46.687	0.011
40.474	-0.034	40.494	-0.017	40.507	-0.013	40.531	-0.034	46.728	0.013	46.766	0.013	46.794	0.004	46.817	-0.004
40.549	-0.051	40.569	-0.034	40.600	-0.030	40.630	-0.047	46.860	-0.001	46.903	-0.001	46.936	0.007	46.953	0.011
40.661	-0.060	40.695	-0.068	40.710	-0.064	40.733	-0.051	46.987	-0.010	47.027	-0.015	47.070	-0.011	47.109	-0.008
40.760	-0.043	40.799	-0.039	40.826	-0.039	40.849	-0.039	47.141	0.009	47.189	0.021	47.214	0.029	47.249	0.028
40.870	-0.039	40.887	-0.039	40.906	-0.040	40.938	-0.040	47.268	0.032	47.308	0.036	47.340	0.023	47.366	0.014
40.977	-0.040	41.000	-0.036	41.018	-0.036	41.051	-0.023	47.399	0.030	47.431	0.017	47.452	0.017	47.465	0.016
41.084	-0.015	41.119	-0.007	41.150	0.010	41.175	0.018	47.492	0.024	47.503	0.016	47.540	0.007	47.571	-0.006
41.208	-0.022	41.223	0.005	41.249	-0.008	41.268	-0.017	47.595	-0.010	47.621	0.002	47.659	-0.019	47.683	-0.032
41.301	-0.001	41.332	0.012	41.369	0.007	41.405	-0.010	47.710	-0.041	47.733	-0.050	47.756	-0.046	47.790	-0.033
41.435	0.006	41.466	0.001	41.511	-0.020	41.544	-0.008	47.840	-0.013	47.845	0.000	47.888	0.008	47.942	0.008
41.560	-0.008	41.595	-0.009	41.631	-0.009	41.671	0.003	47.980	0.020	48.039	0.007	48.070	-0.002	48.123	0.002
41.698	0.019	41.734	0.031	41.777	0.014	41.812	0.009	48.142	0.006	48.196	0.010	48.235	0.014	48.260	0.022
41.853	0.004	41.896	0.012	41.909	0.024	41.931	0.032	48.291	0.035	48.309	0.030	48.322	0.030	48.366	0.030
41.952	0.032	41.980	0.027	41.994	0.027	42.009	0.026	48.399	0.034	48.418	0.034	48.456	0.012	48.495	0.004
42.023	0.022	42.043	0.022	42.073	0.038	42.103	0.042	48.521	0.008	48.543	0.020	48.562	0.028	48.580	0.024
42.132	0.037	42.167	0.032	42.200	0.028	42.231	0.023	48.600	0.028	48.624	0.027	48.667	0.027	48.708	0.026
42.266	0.014	42.294	0.027	42.317	0.005	42.347	-0.012	48.745	0.022	48.795	-0.025	48.822	-0.009	48.862	0.003
42.372	-0.017	42.398	-0.004	42.428	0.012	42.451	0.020	48.912	-0.002	48.955	-0.002	48.985	-0.002	48.986	0.002
42.477	0.016	42.512	0.015	42.540	0.015	42.565	0.019	49.032	0.001	49.084	-0.012	49.101	-0.012	49.133	0.004
42.588	0.027	42.601	0.027	42.624	0.027	42.647	0.027	49.163	0.020	49.192	0.020	49.231	0.011	49.274	0.010
42.670	0.026	42.690	0.018	42.728	0.009	42.760	0.009	49.320	0.014	49.360	0.013	49.396	0.012	49.424	0.012
42.788	0.013	42.796	0.013	42.827	0.013	42.855	0.017	49.444	0.014	49.470	0.015	49.478	0.019	49.511	0.023
42.893	0.012	42.933	0.020	42.949	0.025	42.961	0.024	49.537	0.011	49.563	0.001	49.583	0.005	49.607	0.009
42.981	0.016	42.999	0.012	43.020	0.003	43.035	-0.001	49.627	0.004	49.658	0.004	49.689	-0.001	49.718	-0.002
43.065	-0.002	43.083	0.011	43.124	0.010	43.157	0.002	49.754	-0.011	49.808	-0.012	49.852	-0.009	49.900	-0.005
43.189	-0.003	43.219	-0.016	43.247	-0.007	43.278	-0.008	49.940	-0.006	49.962	-0.011	49.979	-0.011	50.005	-0.020

IE078

71.059 2/9/71 0600PST L.A. WATER AND POWER BLDG. 85MT. 540W

2590 POINTS 56.988 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1637 G/10.

50.031	-0.016	50.059	0.000	50.096	-0.005	50.130	0.003
50.148	0.003	50.165	-0.002	50.189	0.006	50.224	0.001
50.247	0.001	50.274	0.005	50.299	0.013	50.332	0.008
50.356	-0.001	50.379	0.003	50.407	-0.002	50.427	-0.002
50.453	0.006	50.484	0.009	50.504	0.005	50.551	-0.009
50.569	-0.000	50.603	0.012	50.623	0.024	50.656	0.019
50.695	0.018	50.718	0.018	50.758	0.013	50.789	0.013
50.811	0.016	50.830	0.016	50.850	0.016	50.877	0.015
50.913	0.015	50.935	0.014	50.959	0.014	50.987	0.013
51.014	0.013	51.047	0.008	51.075	0.008	51.104	-0.001
51.135	-0.002	51.156	-0.002	51.171	-0.003	51.182	-0.003
51.190	-0.003	51.212	-0.003	51.246	-0.004	51.260	-0.000
51.280	0.004	51.293	0.004	51.322	0.007	51.371	0.011
51.423	0.010	51.487	0.009	51.506	-0.004	51.555	-0.005
51.611	-0.006	51.637	-0.015	51.657	-0.015	51.689	-0.015
51.709	-0.012	51.758	-0.012	51.795	-0.021	51.834	-0.013
51.850	-0.005	51.882	0.016	51.936	0.023	51.975	0.019
52.018	0.014	52.062	0.009	52.094	0.005	52.128	0.000
52.167	-0.000	52.201	-0.000	52.239	-0.005	52.291	-0.006
52.324	-0.006	52.345	0.002	52.365	0.019	52.416	0.010
52.441	0.001	52.478	0.001	52.504	0.013	52.522	0.013
52.547	-0.004	52.582	0.016	52.621	0.003	52.646	-0.002
52.676	0.014	52.701	0.010	52.725	0.001	52.769	-0.008
52.767	-0.008	52.790	-0.005	52.818	-0.001	52.853	0.003
52.879	0.002	52.920	-0.003	52.970	0.022	53.006	0.025
53.069	0.007	53.115	0.002	53.135	0.018	53.165	0.017
53.194	0.017	53.208	0.008	53.244	0.011	53.280	0.015
53.326	0.018	53.359	0.030	53.394	0.029	53.422	0.020
53.467	0.014	53.519	0.005	53.561	0.008	53.625	0.011
53.681	0.014	53.742	0.017	53.783	0.012	53.829	-0.006
53.875	-0.007	53.929	0.000	53.965	0.004	54.007	0.007
54.039	0.015	54.079	0.019	54.107	0.018	54.164	0.014
54.197	0.013	54.215	0.005	54.238	0.004	54.268	0.004
54.309	0.003	54.337	0.003	54.368	0.003	54.393	0.002
54.419	0.002	54.450	0.010	54.481	0.014	54.484	0.014
54.524	0.014	54.558	0.013	54.583	0.013	54.621	0.013
54.655	0.008	54.683	0.004	54.709	-0.001	54.755	0.003
54.792	0.003	54.842	0.006	54.849	0.011	54.867	0.019
54.911	0.006	54.957	0.005	54.990	0.001	55.023	0.005
55.061	0.000	55.104	-0.004	55.169	-0.009	55.202	-0.018
55.240	-0.009	55.276	-0.010	55.305	-0.010	55.359	-0.014
55.394	0.006	55.433	0.015	55.479	0.014	55.525	0.018
55.574	0.014	55.604	0.013	55.633	0.013	55.659	0.017
55.692	0.021	55.709	0.017	55.748	0.025	55.773	0.024
55.814	0.011	55.840	0.007	55.873	0.023	55.919	-0.002
55.937	-0.011	55.961	-0.007	56.004	0.001	56.040	0.001
56.083	0.005	56.116	0.009	56.139	0.008	56.179	0.003
56.199	0.020	56.232	0.023	56.255	0.018	56.272	0.001
56.311	0.026	56.331	0.008	56.364	-0.005	56.377	0.020
56.406	0.040	56.444	0.040	56.478	0.035	56.506	-0.004
56.523	0.004	56.558	0.033	56.596	0.046	56.639	0.041
56.679	0.015	56.706	0.031	56.722	0.044	56.769	0.073
56.781	0.055	56.807	0.017	56.819	0.009	56.839	0.021

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.007	0.005	-0.043	0.016	0.058	0.026	0.155
0.038	0.024	0.041	-0.064	0.049	-0.140	0.063	-0.018
0.069	0.092	0.079	0.151	0.102	0.087	0.117	-0.031
0.132	-0.136	0.143	-0.208	0.165	-0.064	0.176	0.100
0.181	0.201	0.194	0.252	0.214	0.104	0.222	-0.031
0.237	-0.153	0.255	-0.035	0.275	0.066	0.293	0.037
0.309	0.007	0.327	-0.052	0.342	0.020	0.360	0.096
0.387	-0.052	0.401	-0.145	0.421	0.024	0.437	0.109
0.457	0.058	0.460	0.033	0.485	0.049	0.500	-0.031
0.521	-0.111	0.544	0.045	0.554	0.142	0.566	0.218
0.585	0.045	0.595	-0.077	0.607	-0.161	0.623	-0.220
0.646	-0.069	0.659	0.049	0.677	0.130	0.702	0.037
0.720	-0.048	0.743	0.003	0.763	0.037	0.776	-0.014
0.791	-0.052	0.807	-0.001	0.825	0.037	0.840	-0.026
0.848	-0.069	0.870	0.109	0.879	0.243	0.894	0.332
0.911	0.189	0.921	0.071	0.934	-0.022	0.950	0.003
0.963	0.007	0.991	-0.073	1.011	-0.085	1.024	-0.094
1.049	-0.069	1.068	-0.107	1.083	-0.132	1.103	-0.102
1.119	-0.081	1.149	0.079	1.167	0.075	1.187	0.117
1.205	0.134	1.229	0.079	1.254	0.109	1.282	-0.073
1.300	-0.204	1.319	-0.069	1.337	0.092	1.357	0.138
1.372	0.184	1.393	0.248	1.409	0.227	1.429	0.353
1.439	0.463	1.450	0.522	1.468	0.315	1.483	0.037
1.495	-0.161	1.511	-0.220	1.524	-0.389	1.537	-0.515
1.560	-0.068	1.564	0.176	1.577	0.307	1.595	0.147
1.608	-0.001	1.616	-0.085	1.626	-0.161	1.645	0.037
1.655	0.240	1.667	0.328	1.685	0.109	1.695	-0.127
1.704	-0.380	1.719	-0.469	1.734	-0.561	1.750	-0.629
1.763	-0.507	1.783	-0.317	1.801	-0.498	1.811	-0.591
1.832	-0.464	1.850	-0.317	1.865	-0.371	1.876	-0.422
1.896	-0.182	1.909	-0.009	1.922	0.101	1.940	-0.038
1.951	-0.177	1.959	-0.253	1.979	0.017	1.987	0.203
2.002	0.388	2.013	0.224	2.022	0.051	2.033	-0.097
2.046	0.047	2.054	0.254	2.072	0.406	2.089	0.393
2.116	0.478	2.130	0.360	2.149	0.132	2.172	0.254
2.189	0.132	2.195	0.002	2.205	-0.133	2.225	0.099
2.235	0.411	2.248	0.618	2.264	0.285	2.274	0.015
2.291	-0.226	2.307	-0.015	2.325	0.158	2.340	0.015
2.353	-0.099	2.373	0.197	2.386	0.475	2.394	0.614
2.407	0.682	2.426	0.745	2.445	0.383	2.454	0.050

2.462	-0.182	2.472	-0.300	2.488	-0.098	2.508	0.109	5.575	0.042	5.584	-0.165	5.597	-0.308	5.618	-0.181
2.529	-0.266	2.539	-0.570	2.544	-0.814	2.556	0.907	5.633	-0.388	5.639	-0.556	5.653	-0.738	5.671	-0.539
2.572	-0.616	2.580	-0.401	2.588	-0.253	2.603	-0.181	5.691	-0.362	5.713	-0.577	5.726	-0.796	5.746	-0.999
2.616	-0.046	2.631	0.042	2.644	-0.118	2.659	-0.278	5.773	-0.745	5.786	-0.585	5.799	-0.496	5.818	-0.753
2.687	-0.181	2.699	-0.063	2.710	0.089	2.725	-0.186	5.836	-0.968	5.856	-0.749	5.869	-0.534	5.884	-0.386
2.743	-0.105	2.752	-0.273	2.761	-0.391	2.775	-0.442	5.901	-0.276	5.923	-0.154	5.934	0.441	5.944	0.711
2.796	-0.147	2.808	0.208	2.814	0.478	2.831	0.680	5.953	0.850	5.971	0.956	5.989	0.728	5.999	0.492
2.849	0.448	2.860	0.208	2.874	0.103	2.895	-0.074	6.016	0.324	6.023	0.248	6.036	0.088	6.041	-0.072
2.920	-0.266	2.938	-0.373	2.956	-0.133	2.968	0.057	6.059	-0.291	6.076	-0.055	6.092	0.215	6.111	0.384
2.979	0.264	2.994	0.373	3.012	0.086	3.019	-0.238	6.136	0.149	6.142	0.022	6.159	-0.087	6.173	-0.163
3.029	-0.449	3.035	-0.622	3.052	-0.753	3.075	-0.411	6.191	0.065	6.206	0.335	6.219	0.218	6.234	0.378
3.085	-0.107	3.090	0.070	3.103	0.238	3.119	0.069	6.251	0.277	6.269	0.302	6.286	0.218	6.305	0.109
3.126	-0.280	3.131	-0.436	3.144	-0.537	3.164	-0.327	6.330	0.143	6.350	0.202	6.373	0.253	6.393	0.009
3.177	-0.027	3.192	0.340	3.206	0.589	3.218	0.711	6.400	-0.202	6.410	-0.303	6.423	-0.134	6.430	-0.041
3.236	0.509	3.256	0.298	3.282	0.319	3.302	0.252	6.447	0.136	6.458	-0.007	6.470	-0.150	6.480	-0.235
3.316	0.273	3.338	0.074	3.344	-0.006	3.357	0.104	6.500	0.031	6.508	0.238	6.525	0.428	6.540	0.230
3.374	0.197	3.387	-0.027	3.393	-0.242	3.403	-0.389	6.553	0.040	6.558	-0.002	6.584	0.172	6.600	-0.031
3.420	-0.221	3.435	-0.098	3.449	-0.254	3.461	-0.385	6.617	-0.212	6.637	-0.136	6.654	-0.009	6.670	0.105
3.481	-0.056	3.489	0.286	3.500	0.547	3.515	0.657	6.690	-0.127	6.697	-0.257	6.705	-0.350	6.720	-0.240
3.535	0.577	3.546	0.484	3.558	0.290	3.561	0.087	6.738	-0.122	6.753	-0.391	6.759	-0.585	6.771	-0.691
3.568	-0.123	3.572	-0.288	3.581	-0.398	3.605	-0.052	6.792	-0.294	6.804	-0.003	6.822	0.107	6.842	-0.087
3.623	0.193	3.638	0.319	3.722	0.374	3.732	0.265	6.865	-0.293	6.883	-0.090	6.895	0.121	6.902	0.289
3.741	0.214	3.763	0.362	3.787	0.492	3.805	0.286	6.912	0.382	6.930	0.437	6.956	0.611	6.976	0.353
3.815	-0.026	3.825	-0.263	3.831	-0.427	3.840	-0.579	6.991	0.105	7.001	-0.047	7.016	-0.169	7.026	-0.292
3.848	-0.642	3.869	-0.406	3.877	-0.115	3.885	0.155	7.036	-0.363	7.055	-0.089	7.069	0.261	7.075	0.489
3.889	0.370	3.905	0.492	3.920	0.286	3.933	0.016	7.089	0.687	7.107	0.346	7.113	0.076	7.120	-0.173
3.946	-0.292	3.961	-0.575	3.969	-0.731	3.979	-0.836	7.133	-0.354	7.156	-0.168	7.168	-0.067	7.182	0.211
3.999	-0.541	4.007	-0.242	4.023	-0.056	4.044	-0.284	7.196	0.389	7.207	0.465	7.219	0.329	7.227	0.148
4.059	-0.537	4.072	-0.714	4.097	-0.347	4.105	-0.107	7.240	0.047	7.260	0.195	7.273	0.229	7.294	0.191
4.120	0.049	4.136	-0.123	4.154	-0.288	4.175	-0.064	7.312	0.098	7.324	-0.146	7.337	-0.344	7.355	-0.150
4.193	0.117	4.210	-0.005	4.223	-0.107	4.254	-0.014	7.389	-0.403	7.399	-0.597	7.407	-0.652	7.429	-0.374
4.267	-0.364	4.274	-0.689	4.284	-0.967	4.292	-1.148	7.444	-0.213	7.462	-0.103	7.490	-0.230	7.509	-0.314
4.300	-1.258	4.318	-1.359	4.346	-1.098	4.359	-0.937	7.536	-0.065	7.549	0.103	7.565	0.209	7.590	0.318
4.379	-0.773	4.402	-0.288	4.412	-0.094	4.430	0.062	7.613	0.276	7.649	0.213	7.670	-0.015	7.683	-0.268
4.444	0.294	4.471	0.648	4.471	0.927	4.489	1.222	7.702	-0.437	7.718	-0.209	7.728	0.044	7.746	0.285
4.508	0.863	4.516	0.551	4.521	0.307	4.536	0.100	7.766	0.255	7.791	0.272	7.805	0.112	7.825	-0.162
4.557	0.168	4.574	0.033	4.585	-0.056	4.600	0.071	7.838	-0.302	7.848	-0.344	7.873	-0.221	7.880	-0.049
4.621	0.184	4.636	0.168	4.662	0.243	4.680	0.077	7.893	0.027	7.909	-0.167	7.917	-0.356	7.931	-0.458
4.685	-0.326	4.700	-0.503	4.721	0.007	4.728	0.345	7.945	-0.357	7.973	-0.251	7.990	-0.365	8.005	-0.479
4.738	0.678	4.746	0.901	4.762	1.049	4.777	0.990	8.025	-0.264	8.048	0.023	8.059	-0.125	8.069	-0.290
4.801	0.914	4.816	0.745	4.829	0.349	4.837	0.100	8.107	-0.256	8.183	-0.307	8.125	-0.189	8.143	-0.286
4.852	-0.136	4.868	0.231	4.878	0.518	4.898	0.750	8.161	-0.349	8.183	-0.307	8.206	-0.134	8.226	0.043
4.909	0.459	4.914	0.130	4.921	-0.170	4.923	-0.507	8.242	0.161	8.272	0.279	8.287	0.195	8.307	0.106
4.927	-0.752	4.934	-1.039	4.947	-1.258	4.963	-0.862	8.327	0.173	8.357	0.203	8.380	0.207	8.388	0.194
4.977	-0.381	4.986	-0.149	4.996	-0.014	5.017	-0.258	8.421	0.278	8.443	0.097	8.453	-0.051	8.462	-0.152
5.044	-0.558	5.060	-0.330	5.070	-0.090	5.085	0.109	8.487	-0.097	8.505	-0.199	8.524	-0.250	8.552	-0.178
5.101	-0.098	5.117	-0.220	5.139	0.142	5.153	0.467	8.577	-0.128	8.591	-0.263	8.610	-0.377	8.631	-0.145
5.171	0.661	5.189	0.294	5.201	0.041	5.209	-0.077	8.648	-0.010	8.661	-0.082	8.672	-0.158	8.691	-0.036
5.219	-0.123	5.245	0.227	5.258	0.522	5.281	0.766	8.711	0.078	8.737	0.019	8.762	0.175	8.783	0.330
5.301	0.737	5.318	0.463	5.327	0.163	5.334	-0.271	8.810	0.183	8.825	0.018	8.834	-0.185	8.849	-0.353
5.341	-0.507	5.352	-0.798	5.370	-0.343	5.375	-0.010	8.859	-0.391	8.884	-0.290	8.902	-0.206	8.927	-0.299
5.380	0.459	5.388	0.910	5.393	1.403	5.411	1.884	8.970	0.160	8.970	0.160	8.990	0.240	9.013	0.198
5.429	1.387	5.436	0.876	5.441	0.366	5.447	-0.089	9.034	0.126	9.049	0.067	9.066	0.016	9.109	0.125
5.455	-0.330	5.465	-0.507	5.475	-0.372	5.487	-0.254	9.147	0.040	9.167	0.065	9.196	0.082	9.233	0.018
5.506	-0.292	5.529	0.016	5.544	0.211	5.559	0.320	9.272	0.034	9.294	-0.017	9.305	-0.055	9.327	0.076
								9.343	0.156	9.365	0.109	9.389	0.202	9.416	0.269

9.442	0.201	9.455	0.167	9.475	0.243	9.493	0.340	14.812	-0.064	14.837	-0.182	14.858	-0.119	14.883	-0.048
9.512	0.183	9.531	0.031	9.558	0.141	9.582	0.124	14.917	0.071	14.940	0.087	14.968	0.087	14.998	-0.018
9.611	0.191	9.635	0.233	9.668	0.178	9.701	0.237	15.019	-0.010	15.039	-0.010	15.054	-0.010	15.082	0.032
9.726	0.089	9.739	-0.012	9.771	0.139	9.785	0.139	15.101	-0.043	15.126	-0.119	15.137	-0.153	15.157	-0.162
9.814	0.211	9.837	0.278	9.876	0.366	9.899	0.269	15.185	-0.014	15.203	0.112	15.232	0.277	15.255	0.163
9.914	0.210	9.949	0.282	9.972	0.231	9.990	0.214	15.276	0.032	15.294	0.116	15.317	0.175	15.333	0.158
10.011	0.256	10.036	0.391	10.059	0.551	10.083	0.404	15.353	0.040	15.366	-0.057	15.385	-0.002	15.402	0.074
10.106	0.298	10.123	0.294	10.146	0.273	10.165	0.197	15.428	0.002	15.452	0.120	15.477	0.175	15.493	0.091
10.186	0.121	10.204	0.071	10.224	0.125	10.245	0.168	15.504	-0.002	15.522	-0.065	15.547	0.036	15.574	0.171
10.263	0.227	10.278	0.273	10.304	0.184	10.329	0.109	15.597	0.099	15.619	0.048	15.653	0.137	15.674	0.057
10.363	0.138	10.401	0.033	10.422	-0.064	10.455	0.020	15.692	-0.002	15.719	0.032	15.739	0.078	15.773	0.183
10.478	0.037	10.501	0.117	10.519	0.176	10.545	0.155	15.809	0.133	15.842	0.086	15.859	0.023	15.882	-0.057
10.560	0.155	10.579	0.159	10.604	0.138	10.625	0.155	15.918	-0.011	15.936	-0.049	15.959	-0.061	15.975	-0.074
10.650	0.058	10.666	-0.069	10.683	-0.170	10.704	-0.225	16.012	0.023	16.034	-0.031	16.053	-0.103	16.069	-0.187
10.719	-0.288	10.737	-0.347	10.766	-0.199	10.781	-0.107	16.084	-0.251	16.105	-0.170	16.121	-0.111	16.149	-0.170
10.798	-0.039	10.821	-0.005	10.849	0.003	10.872	-0.018	16.164	-0.212	16.188	-0.250	16.214	-0.216	16.239	-0.186
10.893	-0.035	10.921	-0.048	10.939	-0.085	10.956	-0.170	16.262	-0.161	16.281	-0.152	16.314	-0.131	16.340	-0.186
10.982	-0.263	11.007	-0.208	11.031	-0.174	11.064	-0.250	16.356	-0.228	16.384	-0.148	16.397	-0.067	16.415	-0.012
11.089	-0.309	11.117	-0.288	11.137	-0.284	11.166	-0.359	16.447	-0.046	16.454	-0.075	16.473	-0.012	16.490	-0.034
11.185	-0.410	11.218	-0.359	11.237	-0.304	11.259	-0.241	16.517	-0.067	16.547	-0.083	16.568	-0.151	16.579	-0.188
11.282	-0.123	11.302	-0.013	11.332	-0.136	11.348	-0.195	16.605	-0.066	16.630	0.040	16.654	0.027	16.682	0.045
11.376	-0.241	11.385	-0.283	11.400	-0.308	11.424	-0.245	16.716	0.087	16.747	0.028	16.764	-0.039	16.785	-0.089
11.448	-0.156	11.472	-0.249	11.482	-0.304	11.509	-0.312	16.813	-0.034	16.826	-0.017	16.847	-0.026	16.886	0.097
11.547	-0.316	11.582	-0.392	11.608	-0.358	11.623	-0.358	16.894	0.038	16.911	-0.029	16.930	0.060	16.948	0.127
11.646	-0.249	11.672	-0.105	11.701	-0.223	11.732	-0.134	16.973	0.039	16.984	-0.041	17.008	-0.146	17.030	-0.074
11.758	-0.164	11.775	-0.105	11.801	-0.008	11.821	-0.353	17.041	-0.011	17.070	0.036	17.088	0.049	17.113	0.003
11.833	-0.045	11.866	-0.054	11.889	-0.205	11.911	-0.353	17.134	-0.027	17.154	0.028	17.172	0.113	17.192	0.037
11.935	-0.357	11.960	-0.230	11.973	0.002	12.000	0.221	17.203	-0.059	17.221	-0.089	17.244	-0.017	17.267	0.068
12.025	0.107	12.051	0.061	12.084	0.103	12.111	0.074	17.366	-0.007	17.398	-0.032	17.428	-0.056	17.462	0.041
12.139	0.087	12.168	0.015	12.203	0.116	12.229	0.116	17.489	0.012	17.515	0.029	17.528	0.046	17.548	-0.042
12.265	0.163	12.287	0.057	12.303	-0.065	12.316	-0.082	17.561	-0.101	17.592	0.009	17.617	0.140	17.640	0.098
12.339	-0.019	12.369	0.133	12.402	0.041	12.435	0.045	17.661	0.056	17.688	0.166	17.709	0.234	17.734	0.146
12.465	-0.048	12.497	0.075	12.530	-0.027	12.570	0.062	17.751	0.100	17.772	0.062	17.797	0.083	17.825	0.130
12.590	-0.066	12.609	0.066	12.641	-0.026	12.682	-0.136	17.845	0.130	17.858	0.130	17.871	0.139	17.886	0.148
12.706	-0.064	12.731	0.016	12.766	0.066	12.793	0.210	17.918	0.085	17.946	0.102	17.975	0.090	17.997	0.111
12.813	0.311	12.841	0.252	12.862	0.248	12.882	0.227	18.025	0.120	18.050	0.061	18.066	0.036	18.084	0.011
12.904	0.142	12.922	0.100	12.940	0.168	12.961	0.239	18.103	0.049	18.127	0.083	18.162	0.003	18.200	0.092
12.984	0.155	13.007	0.117	13.043	0.248	13.063	0.324	18.233	0.084	18.260	0.093	18.293	0.114	18.318	-0.004
13.086	0.353	13.117	0.235	13.132	0.180	13.162	0.180	18.333	-0.063	18.352	0.034	18.369	0.114	18.399	-0.003
13.188	0.125	13.217	0.134	13.242	-0.014	13.255	-0.056	18.420	-0.159	18.440	-0.214	18.467	-0.130	18.493	-0.070
13.276	0.087	13.296	0.248	13.321	0.130	13.335	0.033	18.518	-0.011	18.539	0.023	18.574	-0.057	18.594	-0.112
13.360	-0.010	13.391	0.130	13.424	0.265	13.449	0.184	18.622	-0.065	18.650	-0.023	18.686	-0.078	18.711	-0.078
13.472	0.016	13.491	-0.048	13.518	0.020	13.552	-0.010	18.738	-0.086	18.782	0.007	18.822	-0.044	18.863	-0.065
13.572	0.043	13.614	0.087	13.642	0.003	13.682	0.087	18.895	-0.077	18.904	-0.077	18.934	-0.023	18.957	0.032
13.701	0.071	13.728	0.037	13.760	0.049	13.785	0.058	18.975	0.075	19.000	0.087	19.023	0.033	19.047	-0.018
13.808	-0.026	13.842	-0.119	13.882	-0.001	13.910	-0.052	19.063	0.054	19.080	0.096	19.106	0.050	19.126	0.007
13.933	-0.010	13.956	-0.031	13.985	-0.161	13.984	-0.052	19.167	0.041	19.192	-0.008	19.217	-0.026	19.241	-0.026
14.003	0.031	14.021	-0.031	14.038	-0.094	14.056	-0.199	19.266	-0.060	19.291	-0.060	19.312	-0.030	19.354	0.033
14.075	-0.309	14.110	-0.128	14.134	-0.077	14.166	0.087	19.383	-0.038	19.398	-0.089	19.433	-0.059	19.464	-0.000
14.182	0.007	14.200	-0.060	14.221	0.024	14.240	0.075	19.489	0.050	19.524	0.118	19.550	0.071	19.582	0.030
14.264	0.031	14.300	0.155	14.327	0.016	14.345	-0.161	19.608	-0.051	19.634	-0.017	19.669	0.004	19.694	0.030
14.359	-0.229	14.384	-0.052	14.405	0.117	14.427	0.028	19.717	-0.017	19.735	-0.051	19.760	0.034	19.783	0.101
14.446	-0.052	14.483	0.028	14.504	-0.022	14.519	-0.056	19.808	0.034	19.821	-0.038	19.836	-0.068	19.865	-0.021
14.548	-0.085	14.576	-0.229	14.594	-0.136	14.612	0.007	19.897	0.046	19.920	0.033	19.944	0.050	19.972	0.029
14.635	0.083	14.658	-0.022	14.680	-0.161	14.711	-0.115	20.007	0.041	20.038	0.016	20.066	-0.009	20.088	-0.009
14.727	-0.123	14.750	-0.069	14.770	-0.031	14.790	-0.035								

20.118	0.045	20.136	0.071	20.169	0.066	20.203	-0.010	25.880	-0.018	25.914	0.012	25.940	0.003	25.975	0.016
20.229	0.015	20.244	-0.086	20.262	-0.150	20.282	-0.095	26.012	-0.005	26.022	-0.010	26.062	-0.052	26.092	-0.026
20.299	-0.053	20.317	-0.079	20.335	-0.079	20.358	-0.020	26.115	-0.014	26.138	-0.014	26.160	0.024	26.180	0.041
20.389	0.043	20.415	0.017	20.460	0.050	20.481	0.008	26.211	0.050	26.246	0.071	26.263	0.071	26.286	0.117
20.507	0.007	20.527	-0.001	20.552	-0.027	20.565	-0.044	26.310	0.160	26.341	0.084	26.358	0.050	26.385	0.092
20.596	0.010	20.611	-0.011	20.629	-0.045	20.635	-0.010	26.420	0.130	26.435	0.143	26.473	0.050	26.501	0.013
20.682	0.060	20.711	0.030	20.736	0.059	20.754	0.084	26.541	0.034	26.573	0.089	26.595	0.030	26.624	0.000
20.777	0.033	20.800	0.046	20.822	0.050	20.843	-0.031	26.654	0.017	26.678	0.030	26.718	0.009	26.736	-0.012
20.861	-0.086	20.886	-0.027	20.906	0.036	20.932	-0.002	26.761	-0.012	26.793	0.034	26.821	-0.012	26.844	-0.037
20.960	0.040	20.985	0.069	21.013	0.094	21.046	0.132	26.871	0.021	26.894	0.054	26.926	0.028	26.951	-0.007
21.077	0.085	21.103	0.110	21.131	0.110	21.171	0.139	*26.974	-0.037	26.999	-0.029	27.006	-0.029	27.013	-0.025
21.189	0.105	21.207	0.046	21.225	-0.000	21.255	-0.013	27.019	-0.023	27.026	-0.017	27.039	-0.026	27.058	-0.031
21.279	-0.030	21.302	-0.047	21.324	-0.064	21.350	-0.089	27.078	-0.023	27.088	-0.015	27.101	-0.003	27.116	0.001
21.388	-0.030	21.415	-0.051	21.444	-0.022	21.475	-0.056	27.131	0.009	27.141	0.000	27.158	-0.013	27.167	-0.004
21.499	-0.098	21.512	-0.102	21.536	-0.084	21.568	-0.030	27.177	-0.000	27.190	0.004	27.212	-0.001	27.218	-0.030
21.592	-0.022	21.639	0.049	21.663	-0.010	21.688	-0.060	27.233	-0.009	27.257	-0.005	27.269	-0.001	27.286	-0.010
21.711	-0.090	21.732	-0.081	21.757	-0.073	21.796	-0.039	27.304	-0.019	27.311	-0.027	27.322	-0.032	27.335	-0.019
21.822	-0.064	21.850	-0.031	21.873	0.003	21.893	-0.014	27.344	-0.011	27.352	0.002	27.360	-0.003	27.368	-0.011
21.924	-0.031	21.952	-0.052	21.987	-0.031	22.026	0.016	27.376	-0.020	27.390	-0.016	27.403	-0.007	27.416	-0.008
22.059	-0.026	22.085	0.012	22.102	0.045	22.125	0.024	27.424	-0.016	27.434	-0.025	27.442	-0.029	27.455	-0.021
22.148	0.003	22.171	-0.039	22.200	-0.001	22.218	0.028	27.470	0.000	27.482	0.008	27.490	0.021	27.503	-0.000
22.251	0.028	22.280	0.045	22.303	-0.001	22.323	-0.052	27.511	-0.021	27.520	-0.047	27.530	-0.068	27.539	-0.060
22.348	0.041	22.382	0.113	22.402	0.109	22.425	0.012	27.546	-0.051	27.559	-0.035	27.572	-0.014	27.584	-0.001
22.451	-0.085	22.474	-0.014	22.492	0.020	22.511	0.007	27.599	0.003	27.615	0.015	27.627	0.028	27.646	0.036
22.536	-0.081	22.551	-0.115	22.571	-0.081	22.589	-0.064	27.653	0.031	27.661	0.019	27.674	-0.011	27.685	-0.045
22.608	-0.039	22.639	0.037	22.667	-0.035	22.700	-0.107	27.693	-0.079	27.704	-0.062	27.722	-0.033	27.737	-0.007
22.732	-0.056	22.760	-0.123	22.776	-0.174	22.804	-0.064	27.750	-0.012	27.766	-0.020	27.780	-0.033	27.796	-0.041
22.826	0.012	22.849	0.012	22.873	-0.018	22.903	-0.060	27.806	-0.054	27.816	-0.067	27.829	-0.054	27.839	-0.037
22.934	-0.018	22.961	-0.007	22.985	-0.052	23.012	-0.094	27.851	-0.016	27.864	0.005	27.877	0.026	27.890	0.031
23.043	-0.069	23.066	-0.039	23.096	-0.026	23.119	-0.018	27.903	0.022	27.915	0.014	27.926	0.014	27.939	0.026
23.132	-0.035	23.155	0.016	23.172	0.062	23.193	0.003	27.950	0.039	27.965	0.047	27.971	0.039	27.982	0.022
23.211	-0.018	23.238	0.070	23.268	0.075	23.294	0.041	27.994	0.005	27.999	-0.012	28.015	-0.012	28.034	-0.007
23.340	-0.005	23.380	0.012	23.398	0.020	23.428	0.020	28.047	-0.012	28.058	-0.020	28.068	-0.028	28.079	-0.016
23.464	-0.039	23.501	-0.043	23.509	-0.039	23.547	0.028	28.088	0.009	28.100	0.018	28.110	0.010	28.121	-0.003
23.569	-0.026	23.594	-0.064	23.610	-0.085	23.633	-0.035	28.131	-0.012	28.138	-0.003	28.152	0.001	28.164	-0.012
23.660	0.007	23.699	-0.048	23.719	-0.031	23.741	-0.026	28.173	-0.033	28.183	-0.050	28.193	-0.050	28.201	-0.037
23.774	-0.060	23.799	-0.009	23.823	0.034	23.851	0.033	28.214	-0.028	28.227	-0.016	28.233	-0.024	28.245	-0.037
23.884	0.021	23.911	0.021	23.939	0.021	23.956	0.008	28.250	-0.045	28.261	-0.049	28.272	-0.041	28.285	-0.028
23.992	0.072	24.025	0.021	24.040	0.013	24.068	0.080	28.297	-0.016	28.313	-0.016	28.324	-0.024	28.334	-0.037
24.096	0.165	24.116	0.119	24.137	0.055	24.157	0.039	28.354	-0.015	28.368	0.002	28.383	0.002	28.396	-0.007
24.183	0.056	24.211	0.085	24.239	0.052	24.279	0.039	28.410	-0.019	28.422	-0.006	28.435	0.011	28.449	0.019
24.302	-0.040	24.327	-0.082	24.355	-0.035	24.388	-0.077	28.466	0.007	28.483	-0.002	28.501	-0.014	28.518	-0.018
24.417	-0.098	24.444	-0.017	24.464	0.025	24.492	0.009	28.534	-0.001	28.550	0.024	28.566	0.028	28.586	0.016
24.505	-0.012	24.528	-0.024	24.544	-0.024	24.576	-0.066	28.605	0.029	28.621	0.008	28.639	-0.022	28.651	-0.022
24.612	-0.040	24.645	-0.082	24.678	-0.035	24.697	-0.009	28.672	0.008	28.692	0.029	28.711	0.042	28.728	0.025
24.729	-0.005	24.775	0.009	24.811	0.017	24.828	-0.018	28.742	0.000	28.752	-0.017	28.764	0.000	28.781	0.005
24.854	0.010	24.880	-0.053	24.898	-0.095	24.928	-0.036	28.796	-0.016	28.808	-0.029	28.826	-0.041	28.852	-0.033
24.946	0.015	24.982	0.045	25.017	0.058	25.045	-0.009	28.870	-0.033	28.889	-0.050	28.906	-0.066	28.925	-0.083
25.076	-0.089	25.101	-0.038	25.132	0.005	25.152	0.001	28.940	-0.092	28.956	-0.079	28.976	-0.049	28.989	-0.032
25.195	-0.020	25.218	0.026	25.243	0.060	25.275	0.031	29.004	-0.053	29.023	-0.079	29.038	-0.062	29.056	-0.049
25.311	-0.003	25.344	-0.015	25.381	-0.032	25.397	-0.044	29.076	-0.060	29.090	-0.049	29.110	-0.066	29.123	-0.091
25.425	-0.027	25.449	-0.011	25.467	-0.010	25.492	-0.010	29.141	-0.078	29.161	-0.007	29.185	-0.006	29.207	0.019
25.515	0.002	25.535	-0.006	25.560	-0.018	25.594	-0.069	29.226	0.028	29.239	0.007	29.254	-0.006	29.267	-0.014
25.619	-0.065	25.637	-0.060	25.659	-0.039	25.674	-0.031	29.282	-0.010	29.298	-0.006	29.313	-0.018	29.336	-0.010
25.699	-0.043	25.721	-0.039	25.749	-0.031	25.779	-0.010	29.349	-0.023	29.364	-0.035	29.375	-0.039	29.390	-0.018
25.797	0.007	25.820	-0.014	25.849	-0.039	25.859	-0.043	29.410	0.011	29.430	0.041	29.441	0.037	29.456	0.020

29.467	0.003	29.477	-0.010	29.493	0.011	29.507	0.028	33.011	0.015	33.035	0.061	33.053	0.040	33.066	0.019
29.521	0.041	29.533	0.007	29.544	-0.018	29.552	-0.044	33.076	0.048	33.101	-0.031	33.115	0.005	33.128	-0.054
29.561	-0.073	29.585	-0.061	29.608	-0.056	29.644	-0.056	33.140	-0.058	33.148	-0.037	33.159	-0.016	33.171	0.017
29.674	0.061	29.697	-0.041	29.720	-0.023	29.760	-0.006	33.177	0.030	33.187	0.013	33.204	-0.008	33.220	-0.046
29.760	0.002	29.778	0.002	29.796	-0.010	29.811	-0.027	33.231	-0.051	33.243	-0.034	33.259	-0.013	33.272	0.003
29.826	-0.057	29.839	-0.078	29.855	-0.057	29.872	-0.027	33.287	-0.016	33.302	-0.001	33.315	-0.014	33.331	-0.023
29.895	-0.019	29.915	-0.002	29.936	-0.027	29.953	0.044	33.348	-0.031	33.361	-0.049	33.375	-0.066	33.389	-0.057
29.976	0.057	29.997	0.044	30.020	0.027	30.050	0.035	33.402	-0.037	33.418	-0.037	33.431	-0.024	33.447	-0.025
30.066	0.001	30.088	-0.016	30.106	-0.025	30.127	-0.033	33.461	-0.025	33.474	-0.046	33.485	-0.055	33.505	-0.055
30.149	-0.008	30.167	0.013	30.185	0.017	30.198	-0.009	33.519	-0.051	33.537	-0.043	33.544	-0.047	33.555	-0.052
30.220	-0.030	30.254	-0.030	30.285	-0.035	30.305	-0.009	33.567	-0.069	33.580	-0.069	33.593	-0.048	33.611	0.002
30.323	0.011	30.340	0.024	30.358	-0.014	30.376	-0.027	33.629	-0.032	33.642	0.040	33.650	0.023	33.665	0.006
30.392	-0.006	30.409	0.011	30.415	0.011	30.433	-0.002	33.677	-0.003	33.691	0.010	33.709	0.035	33.731	0.041
30.443	-0.019	30.460	0.002	30.475	0.023	30.488	0.031	33.749	0.076	33.768	0.067	33.786	0.054	33.801	0.041
30.502	0.010	30.525	0.010	30.537	0.018	30.557	0.022	33.819	0.020	33.832	0.032	33.854	0.032	33.867	0.036
30.575	0.009	30.595	-0.008	30.611	-0.012	30.629	-0.008	33.878	0.019	33.894	-0.003	33.908	0.005	33.926	0.018
30.649	-0.004	30.670	0.008	30.700	-0.005	30.720	-0.024	34.011	-0.018	34.030	-0.001	34.042	-0.001	34.062	-0.019
30.738	0.041	30.751	0.020	30.772	0.003	30.792	-0.027	34.084	-0.019	34.107	-0.020	34.124	-0.012	34.142	-0.003
30.807	-0.006	30.823	0.011	30.846	-0.006	30.871	-0.032	34.160	-0.025	34.176	-0.025	34.196	-0.026	34.209	-0.034
30.891	-0.049	30.905	-0.049	30.919	-0.024	30.928	0.026	34.227	-0.035	34.242	-0.031	34.266	-0.044	34.279	-0.048
30.942	0.043	30.951	0.060	30.961	0.026	30.975	-0.016	34.371	-0.033	34.392	-0.046	34.422	-0.046	34.446	-0.068
30.983	-0.058	30.991	-0.096	31.002	-0.088	31.022	-0.025	34.456	-0.068	34.469	-0.059	34.487	-0.038	34.495	-0.039
31.039	0.026	31.050	0.060	31.068	0.076	31.080	0.051	34.515	-0.043	34.533	-0.022	34.553	0.003	34.562	0.011
31.096	-0.012	31.109	-0.084	31.114	-0.122	31.123	-0.118	34.579	-0.010	34.605	-0.027	34.626	-0.023	34.652	-0.007
31.131	-0.101	31.146	0.013	31.157	0.135	31.164	0.181	34.687	0.022	34.715	0.030	34.736	0.039	34.760	0.021
31.174	0.207	31.180	0.186	31.199	0.084	31.210	-0.034	34.778	0.004	34.798	0.029	34.814	-0.038	34.831	-0.051
31.220	-0.097	31.232	-0.156	31.243	-0.148	31.258	-0.085	34.860	-0.021	34.876	0.004	34.904	-0.000	34.919	0.021
31.275	-0.017	31.288	-0.000	31.306	-0.000	31.324	-0.064	34.932	0.033	34.947	0.029	34.961	0.021	34.979	0.008
31.333	-0.136	31.346	-0.157	31.363	-0.072	31.381	0.025	34.992	-0.009	35.004	-0.001	35.020	0.012	35.038	0.012
31.399	0.075	31.425	0.113	31.440	0.104	31.462	0.079	35.051	-0.001	35.063	-0.009	35.071	-0.022	35.084	-0.043
31.473	0.058	31.490	0.066	31.498	0.125	31.512	0.163	35.193	-0.031	35.205	-0.018	35.221	0.020	35.229	0.028
31.525	0.201	31.533	0.197	31.546	0.172	31.571	0.125	35.239	0.045	35.249	0.028	35.268	-0.010	35.278	-0.031
31.586	0.083	31.594	0.066	31.604	0.070	31.624	0.075	35.296	-0.023	35.317	-0.014	35.329	0.002	35.344	0.015
31.646	0.053	31.654	-0.010	31.672	-0.132	31.685	-0.212	35.368	0.002	35.393	0.015	35.412	0.027	35.435	0.032
31.695	-0.238	31.707	-0.191	31.733	-0.010	31.743	-0.049	35.469	0.040	35.496	0.031	35.531	0.027	35.554	0.026
31.756	0.070	31.768	0.045	31.788	-0.027	31.809	-0.099	35.585	0.009	35.607	0.009	35.644	0.025	35.667	-0.013
31.819	-0.073	31.834	-0.040	31.842	0.024	31.857	0.133	35.707	0.012	35.738	0.033	35.758	0.036	35.904	-0.011
31.869	0.239	31.877	0.285	31.887	0.260	31.897	0.167	35.809	-0.035	35.843	-0.010	35.868	-0.036	35.988	-0.045
31.904	0.070	31.914	-0.002	31.922	-0.040	31.930	-0.019	35.917	-0.002	35.935	-0.028	35.975	-0.058	36.093	-0.021
31.950	0.036	31.973	-0.002	31.983	0.019	32.003	0.057	36.009	-0.037	36.042	-0.037	36.067	-0.029	36.093	-0.021
32.015	0.065	32.023	0.065	32.036	0.002	32.048	-0.057	36.119	-0.009	36.139	0.012	36.147	0.021	36.170	-0.005
32.056	-0.095	32.063	-0.124	32.072	-0.108	32.089	-0.049	36.190	-0.026	36.213	-0.035	36.240	0.003	36.263	0.002
32.099	-0.019	32.114	-0.002	32.129	0.006	32.142	0.020	36.286	-0.044	36.304	-0.049	36.321	-0.032	36.349	0.002
32.155	0.040	32.160	0.031	32.181	0.010	32.194	-0.020	36.370	0.001	36.397	-0.024	36.430	-0.029	36.463	-0.008
32.214	-0.028	32.232	-0.012	32.253	0.005	32.265	0.022	36.487	0.013	36.506	0.034	36.544	0.016	36.562	0.033
32.286	-0.039	32.309	-0.022	32.327	-0.043	32.343	0.021	36.582	0.045	36.596	0.033	36.615	0.007	36.639	-0.001
32.366	-0.017	32.394	-0.034	32.409	-0.038	32.427	0.021	36.653	-0.010	36.676	-0.001	36.707	0.020	36.729	0.032
32.433	0.038	32.443	0.046	32.453	0.029	32.469	-0.013	36.749	0.041	36.770	0.024	36.798	0.015	36.833	0.019
32.482	-0.026	32.499	-0.039	32.512	-0.039	32.526	-0.026	36.869	0.019	36.877	0.044	36.899	0.057	36.947	0.048
32.540	-0.022	32.554	0.007	32.566	0.041	32.580	0.045	36.973	0.057	37.005	-0.011	37.025	-0.024	37.043	-0.015
32.602	-0.006	32.615	-0.044	32.633	-0.052	32.649	-0.032	37.056	-0.003	37.076	0.023	37.096	0.035	37.112	0.014
32.662	-0.006	32.674	-0.019	32.685	-0.019	32.695	-0.002	37.144	-0.024	37.170	-0.037	37.193	-0.020	37.214	-0.007
32.708	-0.019	32.716	-0.041	32.731	-0.003	32.747	0.026	37.236	0.001	37.264	-0.012	37.302	0.009	37.327	0.013
32.762	0.043	32.779	0.018	32.807	0.013	32.825	0.000								
32.845	-0.004	32.861	0.017	32.874	0.042	32.907	-0.085								
32.925	-0.064	32.946	-0.010	32.964	0.011	32.996	-0.031								

37.355	0.026	37.370	0.013	37.389	-0.004	37.414	-0.012	42.297	0.016	42.321	0.025	42.339	0.012	42.365	-0.001
37.446	-0.013	37.460	0.004	37.479	0.013	37.493	0.008	42.380	0.012	42.406	0.016	42.429	-0.009	42.444	-0.001
37.528	0.004	37.553	0.004	37.578	-0.005	37.587	0.004	42.469	0.024	42.489	0.008	42.575	0.007	42.598	-0.001
37.607	0.025	37.619	0.020	37.640	0.012	37.668	-0.001	42.624	-0.022	42.654	0.011	42.674	0.003	42.697	-0.010
37.690	-0.001	37.711	0.012	37.732	0.028	37.751	0.041	42.708	-0.018	42.730	-0.035	42.741	-0.023	42.763	0.003
37.767	0.045	37.783	0.041	37.808	0.040	37.836	0.040	42.779	-0.027	42.799	-0.036	42.819	-0.023	42.887	-0.027
37.853	0.023	37.874	0.006	37.904	0.014	37.927	0.001	42.915	-0.002	42.931	0.015	42.954	-0.011	42.989	0.002
37.948	0.035	37.974	-0.007	37.992	-0.016	38.007	0.018	43.012	-0.014	43.083	0.014	43.106	0.014	43.184	-0.003
38.034	0.030	38.058	0.000	38.078	-0.012	38.111	0.000	43.122	0.009	43.139	0.039	43.161	0.014	43.344	-0.012
38.129	0.017	38.157	0.012	38.185	0.008	38.212	-0.001	43.225	-0.009	43.271	0.000	43.303	0.021	43.467	-0.010
38.246	0.041	38.273	0.041	38.306	0.033	38.342	0.016	43.369	-0.000	43.394	-0.009	43.422	0.003	43.589	-0.033
38.367	0.024	38.398	0.019	38.418	0.028	38.436	0.023	43.496	0.007	43.533	-0.007	43.563	-0.028	43.675	-0.038
38.453	0.019	38.464	0.015	38.492	0.036	38.507	0.040	43.612	-0.008	43.632	-0.004	43.655	-0.025	43.786	-0.014
38.524	0.019	38.560	-0.011	38.580	0.006	38.603	0.018	43.700	-0.026	43.731	-0.035	43.758	-0.018	43.878	0.018
38.651	-0.011	38.662	-0.020	38.682	-0.020	38.700	-0.012	43.797	0.002	43.824	0.019	43.860	0.001	43.960	-0.008
38.720	-0.003	38.748	0.001	38.766	-0.003	38.788	0.009	43.903	0.039	43.918	0.017	43.940	-0.004	44.055	0.028
38.808	-0.004	38.837	-0.021	38.870	-0.021	38.892	-0.012	43.981	-0.004	44.011	0.004	44.042	0.037	44.268	-0.000
38.903	-0.013	38.920	0.000	38.944	0.013	38.969	0.012	44.087	0.002	44.110	-0.006	44.145	0.006	44.370	0.010
38.984	0.008	39.004	-0.004	39.024	-0.009	39.030	-0.013	44.196	-0.024	44.217	-0.029	44.235	-0.013	44.465	0.021
39.042	-0.005	39.055	0.012	39.065	0.033	39.076	0.050	44.293	-0.009	44.319	-0.018	44.344	-0.006	44.661	0.005
39.085	0.050	39.094	0.042	39.101	0.021	39.111	0.029	44.399	0.010	44.424	0.026	44.441	0.039	44.879	-0.012
39.129	0.046	39.141	0.029	39.155	0.012	39.177	0.016	44.501	0.029	44.561	0.011	44.598	0.023	45.037	0.002
39.201	0.024	39.227	0.024	39.250	0.020	39.270	0.016	44.721	-0.017	44.806	-0.019	44.851	-0.041	45.129	-0.008
39.291	0.003	39.304	0.003	39.320	0.011	39.335	0.024	44.910	-0.004	44.955	-0.001	44.983	0.012	45.266	-0.001
39.356	0.037	39.370	0.024	39.379	-0.001	39.391	-0.027	45.037	0.006	45.096	0.001	45.129	-0.008	45.401	-0.003
39.409	-0.048	39.419	-0.027	39.432	0.003	39.455	0.003	45.210	-0.013	45.246	-0.001	45.266	-0.001	45.509	0.019
39.489	0.003	39.502	-0.006	39.520	-0.023	39.533	-0.010	45.327	-0.010	45.368	0.006	45.401	-0.003	45.630	0.018
39.543	0.023	39.561	0.036	39.574	0.019	39.585	0.006	45.456	0.009	45.488	0.021	45.509	0.046	45.730	0.018
39.607	0.006	39.626	-0.011	39.638	-0.027	39.649	-0.015	45.569	0.029	45.600	0.028	45.630	0.019	45.851	-0.041
39.666	-0.002	39.680	0.010	39.692	0.002	39.708	-0.020	45.686	0.018	45.714	0.022	45.730	0.018	45.958	0.019
39.720	-0.028	39.740	-0.020	39.756	-0.020	39.771	-0.033	45.767	-0.008	45.795	0.013	45.820	0.017	46.005	-0.011
39.792	-0.037	39.812	-0.029	39.830	-0.025	39.851	-0.025	45.859	-0.001	45.881	0.016	45.901	0.020	46.139	-0.013
39.869	-0.042	39.886	-0.025	39.904	0.013	39.922	0.025	46.016	-0.012	46.106	-0.000	46.139	-0.013	46.361	-0.020
39.940	0.004	39.955	-0.009	39.973	0.004	39.988	0.016	46.243	-0.002	46.302	-0.006	46.328	-0.011	46.475	-0.004
40.019	0.016	40.045	0.016	40.062	0.024	40.095	0.045	46.383	-0.007	46.406	0.009	46.439	0.001	46.571	-0.026
40.114	0.036	40.131	0.024	40.149	0.011	40.179	0.015	46.502	0.013	46.521	0.004	46.545	-0.009	46.693	-0.015
40.208	0.002	40.231	-0.007	40.261	0.010	40.306	0.014	46.611	-0.018	46.640	-0.019	46.764	-0.041	46.782	-0.041
40.350	0.014	40.370	0.014	40.388	0.022	40.411	0.038	46.726	-0.006	46.746	-0.019	46.764	-0.041	46.868	-0.029
40.438	0.042	40.459	0.038	40.476	0.046	40.496	0.050	46.799	-0.032	46.829	-0.003	46.842	-0.024	46.987	-0.013
40.516	0.037	40.542	0.050	40.568	0.032	40.601	0.053	46.901	-0.017	46.936	-0.013	46.957	-0.026	47.085	-0.010
40.621	0.044	40.648	0.027	40.664	0.023	40.687	0.035	47.013	-0.022	47.030	-0.026	47.050	-0.014	47.359	-0.013
40.705	0.035	40.727	0.031	40.755	0.060	40.784	0.030	47.122	0.002	47.159	-0.011	47.266	-0.012	47.510	0.016
40.801	0.030	40.839	0.029	40.865	0.021	40.891	0.016	47.194	0.012	47.227	0.004	47.266	-0.012	47.659	0.023
40.913	-0.001	40.939	0.003	40.975	0.007	41.010	0.003	47.394	0.016	47.576	0.015	47.613	0.007	47.864	0.021
41.031	0.023	41.050	0.023	41.069	0.006	41.101	-0.003	47.540	0.016	47.576	0.015	47.613	0.007	48.011	-0.010
41.129	-0.012	41.150	0.005	41.203	0.000	41.268	0.004	47.723	0.022	47.772	0.047	47.817	0.030	48.118	-0.010
41.292	0.004	41.314	0.012	41.349	0.018	41.367	0.026	47.912	0.013	47.948	-0.005	47.986	0.016	48.329	0.025
41.391	-0.018	41.420	-0.001	41.441	-0.010	41.459	-0.031	48.046	0.016	48.067	0.020	48.083	0.020	48.518	-0.011
41.477	-0.035	41.492	-0.031	41.506	-0.006	41.520	0.011	48.165	0.010	48.208	0.039	48.257	0.030	48.615	-0.038
41.530	0.006	41.550	-0.006	41.577	-0.015	41.661	-0.016	48.380	-0.001	48.427	-0.006	48.487	-0.019	48.798	-0.015
41.696	-0.007	41.719	0.001	41.747	-0.025	41.772	-0.016	48.541	0.005	48.561	0.005	48.595	-0.037	48.926	-0.008
41.805	-0.008	41.848	-0.017	41.864	-0.009	41.884	0.021	48.649	-0.021	48.684	-0.013	48.700	-0.022	49.026	0.003
41.916	0.025	41.937	0.008	41.957	0.012	41.988	0.029	48.731	-0.031	48.751	-0.014	48.798	-0.015	49.127	-0.016
42.038	0.038	42.040	0.033	42.071	0.046	42.094	0.038	48.864	-0.007	48.891	0.016	48.909	-0.025	49.208	-0.022
42.116	-0.029	42.146	0.008	42.174	-0.013	42.193	-0.034	48.949	-0.004	48.978	-0.009	49.001	-0.005	49.101	-0.019
42.208	-0.022	42.233	-0.022	42.255	-0.026	42.276	-0.001	49.045	-0.010	49.080	-0.027	49.101	-0.019	49.208	-0.022

IE078
71.059 2/9/71 0600PST L.A. WATER AND POWER BLDG. BSMT. DOWN

2845 POINTS 56.859 SECONDS									
SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION. UNITS ARE SEC. G/10.									
THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0910 G/10.									
TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
49.152	-0.012	49.183	-0.013	49.206	-0.013	49.230	-0.001	0.0	0.150
49.256	0.007	49.295	-0.002	49.330	-0.012	49.387	-0.013	0.031	-0.094
49.457	-0.014	49.490	-0.002	49.519	0.005	49.581	-0.000	0.033	0.007
49.640	-0.022	49.658	-0.019	49.684	-0.011	49.728	-0.041	0.053	0.028
49.741	-0.033	49.762	-0.017	49.785	-0.000	49.837	-0.010	0.094	-0.056
49.868	-0.010	49.904	-0.010	49.932	0.001	49.973	-0.016	0.137	0.129
50.015	0.004	50.061	-0.006	50.092	0.011	50.124	-0.015	0.181	-0.060
50.157	0.001	50.177	0.026	50.198	0.025	50.222	0.021	0.201	0.066
50.254	0.024	50.280	0.024	50.314	0.023	50.334	0.010	0.270	0.416
50.375	0.009	50.412	0.021	50.460	-0.001	50.506	-0.018	0.319	-0.288
50.545	-0.007	50.576	0.014	50.615	0.001	50.651	-0.009	0.365	0.159
50.694	-0.004	50.746	-0.002	50.783	-0.020	50.805	-0.024	0.406	-0.115
50.839	-0.004	50.888	-0.002	50.925	-0.022	50.981	-0.023	0.439	-0.089
51.021	-0.024	51.046	-0.045	51.062	-0.033	51.080	-0.008	0.474	-0.431
51.105	-0.004	51.160	-0.004	51.201	-0.004	51.235	-0.013	0.511	0.185
51.261	-0.018	51.282	-0.009	51.307	0.007	51.336	0.003	0.582	0.160
51.370	-0.002	51.393	0.006	51.417	0.015	51.461	0.001	0.666	0.097
51.482	0.006	51.508	0.018	51.542	0.005	51.598	0.004	0.702	-0.359
51.640	0.004	51.671	0.004	51.717	0.013	51.757	0.013	0.736	0.038
51.803	0.005	51.882	0.005	51.959	-0.001	52.002	-0.007	0.784	-0.029
52.048	0.002	52.128	-0.002	52.165	-0.015	52.218	-0.027	0.827	-0.168
52.271	-0.023	52.338	-0.027	52.378	-0.043	52.416	-0.026	0.871	-0.160
52.497	-0.047	52.550	-0.052	52.606	-0.036	52.634	-0.041	0.925	-0.143
52.727	-0.042	52.753	-0.025	52.798	-0.009	52.861	-0.005	0.970	-0.067
52.900	0.015	52.947	0.002	53.014	0.001	53.059	0.022	1.011	-0.045
53.141	0.016	53.176	0.032	53.236	0.035	53.282	0.026	1.049	0.073
53.313	0.021	53.368	0.019	53.452	0.017	53.536	0.015	1.085	0.103
53.620	0.017	53.691	0.024	53.745	0.014	53.801	0.029	1.122	0.086
53.928	0.014	54.117	0.011	54.288	0.009	54.389	0.011	1.175	-0.028
54.478	-0.003	54.509	0.018	54.590	0.005	54.646	-0.004	1.206	0.120
54.692	0.003	54.933	0.001	55.008	-0.000	55.079	-0.014	1.273	0.078
55.148	-0.010	55.220	-0.003	55.253	-0.008	55.287	0.012	1.326	0.036
55.335	-0.010	55.392	0.002	55.435	0.026	55.504	0.020	1.365	0.390
55.533	0.011	55.556	0.002	55.577	0.010	55.607	0.013	1.414	-0.272
55.643	0.008	55.682	-0.001	55.712	0.011	55.737	0.027	1.449	0.103
55.760	0.010	55.786	-0.007	55.811	0.005	55.830	-0.004	1.488	0.230
55.853	0.008	55.886	-0.018	55.914	-0.006	55.935	-0.016	1.511	-0.124
55.978	0.008	55.994	-0.000	56.021	-0.018	56.044	0.002	1.557	-0.006
56.075	-0.015	56.093	-0.003	56.114	0.017	56.136	0.004	1.603	-0.221
56.162	0.005	56.189	0.011	56.218	0.031	56.248	0.022	1.653	0.129
56.291	0.003	56.313	-0.001	56.338	0.006	56.371	0.031	1.671	-0.124
56.392	0.009	56.410	-0.000	56.433	0.016	56.453	0.007	1.699	0.099
56.476	-0.027	56.493	-0.023	56.516	-0.011	56.544	-0.024	1.729	-0.230
56.569	-0.003	56.596	0.022	56.624	-0.004	56.645	0.004	1.754	0.086
56.664	0.021	56.682	0.008	56.702	-0.018	56.772	-0.015	1.799	-0.099
56.790	-0.007	56.812	0.018	56.837	0.043	56.853	0.043	1.839	0.318
56.875	0.026	56.907	0.017	56.925	0.021	56.945	0.034	1.879	-0.179
56.960	0.021	56.988	-0.004					1.919	0.030

1.693	-0.132	1.701	-0.099	1.714	-0.162	1.730	-0.208	4.321	0.116	4.328	-0.006	4.344	-0.103	4.359	-0.141
1.745	-0.217	1.752	-0.309	1.765	-0.368	1.776	-0.094	4.372	-0.179	4.384	-0.204	4.398	-0.095	4.410	0.032
1.781	0.104	1.788	0.239	1.792	0.290	1.809	0.214	4.423	0.087	4.433	0.020	4.441	-0.069	4.451	-0.137
1.815	0.032	1.828	-0.136	1.835	-0.187	1.850	-0.153	4.464	-0.107	4.482	-0.111	4.488	-0.170	4.503	-0.048
1.861	-0.102	1.874	-0.081	1.887	-0.178	1.899	-0.284	4.515	0.066	4.523	0.125	4.539	0.079	4.554	0.036
1.907	-0.330	1.927	-0.254	1.940	-0.128	1.946	-0.018	4.562	0.138	4.582	0.218	4.590	0.176	4.603	0.108
1.956	0.028	1.969	-0.043	1.981	-0.132	1.987	-0.203	4.613	0.053	4.616	-0.010	4.634	0.062	4.649	0.167
2.000	-0.267	2.017	-0.165	2.025	0.024	2.035	0.210	4.660	0.087	4.667	-0.010	4.674	-0.103	4.692	-0.145
2.044	0.256	2.054	0.189	2.064	0.062	2.077	-0.051	4.706	-0.137	4.718	-0.006	4.726	0.150	4.737	0.273
2.088	-0.026	2.103	-0.039	2.113	-0.081	2.126	-0.034	4.749	0.315	4.760	0.146	4.772	-0.073	4.778	-0.259
2.146	0.016	2.166	0.139	2.182	0.008	2.187	-0.123	4.785	-0.398	4.791	-0.423	4.811	-0.263	4.821	0.024
2.197	-0.199	2.210	-0.017	2.222	0.151	2.231	0.215	4.829	0.218	4.837	0.289	4.852	0.323	4.863	0.218
2.241	-0.097	2.248	-0.030	2.256	-0.123	2.268	-0.110	4.875	0.045	4.881	-0.056	4.893	-0.145	4.911	-0.002
2.287	-0.127	2.301	-0.046	2.314	0.034	2.333	0.113	4.921	0.163	4.934	0.273	4.949	0.260	4.960	0.197
2.352	0.148	2.363	0.300	2.381	0.418	2.396	0.321	4.967	0.154	4.993	0.150	5.012	0.095	5.022	0.041
2.412	0.156	2.419	-0.004	2.422	-0.135	2.429	-0.181	5.030	0.007	5.037	-0.014	5.058	0.091	5.066	0.184
2.447	-0.067	2.458	0.009	2.478	-0.096	2.491	-0.223	5.075	0.209	5.086	0.146	5.099	0.070	5.111	0.011
2.508	-0.307	2.519	-0.349	2.537	-0.155	2.547	0.039	5.125	0.066	5.134	0.150	5.145	0.239	5.157	0.264
2.567	0.170	2.590	0.309	2.610	0.149	2.615	0.014	5.168	0.171	5.178	0.070	5.183	-0.014	5.199	-0.027
2.620	-0.113	2.628	-0.193	2.644	-0.066	2.656	0.077	5.212	-0.035	5.226	-0.069	5.242	0.045	5.258	0.129
2.667	0.174	2.677	0.250	2.689	0.124	2.697	-0.041	5.275	0.057	5.288	-0.061	5.296	0.049	5.308	0.218
2.704	-0.171	2.709	-0.226	2.722	-0.129	2.728	-0.003	5.329	0.340	5.340	0.396	5.349	0.699	5.363	0.779
2.733	0.132	2.740	0.225	2.748	0.276	2.771	0.137	5.378	0.572	5.393	0.315	5.396	0.074	5.405	-0.141
2.781	-0.007	2.789	-0.167	2.796	-0.306	2.803	-0.437	5.424	-0.212	5.439	-0.158	5.447	-0.023	5.460	0.129
2.814	0.504	2.826	-0.390	2.834	-0.272	2.846	-0.192	5.472	0.142	5.482	0.007	5.506	-0.128	5.516	-0.208
2.857	-0.141	2.865	-0.002	2.877	0.145	2.886	0.086	5.528	-0.267	5.538	-0.200	5.562	-0.094	5.570	-0.111
2.897	-0.023	2.920	-0.006	2.931	-0.179	2.940	-0.327	5.590	-0.107	5.610	-0.044	5.625	0.036	5.643	0.108
2.943	-0.445	2.959	-0.521	2.976	-0.360	2.994	-0.111	5.658	0.032	5.673	-0.078	5.690	-0.137	5.705	-0.069
3.005	0.159	3.012	0.256	3.025	0.281	3.045	0.138	5.716	0.011	5.735	0.062	5.753	0.112	5.766	0.192
3.066	-0.001	3.080	-0.170	3.088	-0.280	3.099	-0.360	5.781	0.125	5.795	-0.010	5.808	-0.111	5.823	-0.141
3.121	-0.199	3.134	-0.014	3.145	0.117	3.162	0.197	5.841	-0.048	5.856	0.129	5.865	0.268	5.883	0.336
3.180	0.147	3.196	0.029	3.206	-0.090	3.221	-0.157	5.898	0.247	5.908	0.146	5.920	0.074	5.950	0.070
3.239	-0.115	3.255	-0.013	3.270	0.037	3.282	-0.022	5.963	-0.014	5.973	-0.107	5.981	-0.120	5.999	-0.010
3.290	-0.148	3.298	-0.203	3.310	-0.140	3.320	-0.022	6.013	0.057	6.023	-0.107	6.036	-0.229	6.043	-0.204
3.329	0.071	3.341	0.113	3.351	0.021	3.364	-0.203	6.058	-0.166	6.073	-0.196	6.089	-0.225	6.098	-0.217
3.374	-0.418	3.382	-0.477	3.390	-0.376	3.400	-0.114	6.113	-0.204	6.123	-0.187	6.134	-0.196	6.144	-0.149
3.408	0.017	3.416	0.097	3.430	-0.013	3.436	-0.127	6.165	-0.128	6.186	-0.153	6.203	-0.200	6.220	-0.111
3.453	-0.190	3.466	-0.139	3.474	-0.051	3.480	0.034	6.233	0.024	6.243	0.104	6.261	0.213	6.268	0.340
3.492	0.067	3.500	-0.004	3.507	-0.118	3.515	-0.207	6.283	0.513	6.290	0.597	6.297	0.496	6.313	0.332
3.533	-0.076	3.548	0.038	3.569	0.224	3.581	0.418	6.330	0.205	6.347	0.176	6.372	0.197	6.383	0.108
3.590	0.540	3.604	0.608	3.615	0.485	3.627	0.338	6.390	0.015	6.398	-0.023	6.407	0.057	6.430	0.133
3.636	0.165	3.641	0.000	3.649	-0.126	3.658	-0.185	6.439	0.028	6.450	-0.128	6.464	-0.221	6.484	-0.196
3.671	-0.096	3.686	0.030	3.704	0.140	3.717	0.216	6.502	-0.166	6.515	-0.293	6.530	-0.293	6.544	-0.250
3.728	0.254	3.743	0.241	3.753	0.111	3.756	0.014	6.559	-0.196	6.571	-0.179	6.587	-0.255	6.606	-0.331
3.759	-0.062	3.762	-0.096	3.776	-0.037	3.784	0.098	6.617	-0.415	6.629	-0.436	6.655	-0.453	6.673	-0.516
3.794	0.250	3.808	0.347	3.820	0.292	3.828	0.199	6.682	-0.444	6.698	-0.301	6.710	-0.263	6.731	-0.284
3.839	-0.149	3.849	0.199	3.872	0.285	3.884	0.132	6.750	-0.225	6.776	-0.347	6.799	-0.449	6.809	-0.520
3.892	-0.007	3.900	-0.155	3.915	-0.267	3.928	-0.319	6.839	-0.229	6.864	-0.066	6.882	-0.268	6.897	0.154
3.948	-0.243	3.959	-0.070	3.969	0.065	3.985	0.111	6.910	-0.002	6.920	-0.107	6.941	-0.069	6.956	-0.137
4.005	0.116	4.016	0.019	4.023	-0.116	4.026	-0.260	6.965	-0.179	6.996	-0.086	7.011	0.019	7.023	0.095
4.036	-0.357	4.051	-0.239	4.064	-0.057	4.077	0.074	7.041	0.188	7.069	0.116	7.087	0.066	7.100	0.011
4.090	0.116	4.097	0.002	4.108	-0.125	4.118	-0.230	7.117	0.112	7.140	0.184	7.150	0.078	7.166	-0.057
4.131	-0.091	4.141	0.074	4.147	0.230	4.161	0.310	7.184	-0.154	7.192	-0.230	7.202	-0.314	7.215	-0.361
4.171	0.188	4.184	-0.006	4.195	-0.200	4.206	-0.323	7.232	-0.293	7.258	-0.251	7.276	-0.218	7.297	-0.175
4.225	-0.340	4.236	-0.348	4.252	-0.382	4.262	-0.348	7.304	-0.264	7.312	-0.348	7.325	-0.395	7.338	-0.298
4.274	-0.162	4.284	0.006	4.292	0.116	4.306	0.213	7.350	-0.222	7.370	-0.180	7.384	-0.079	7.398	0.081

7.409	0.216	7.422	0.267	7.439	0.225	7.443	0.187	10.788	-0.117	10.808	-0.109	10.824	-0.079	10.837	-0.054
7.462	0.258	7.476	0.208	7.498	0.140	7.516	0.127	10.849	-0.025	10.863	-0.067	10.875	-0.134	10.888	-0.189
7.529	0.089	7.540	0.047	7.554	0.098	7.570	0.165	10.900	-0.164	10.916	-0.126	10.933	-0.105	10.961	-0.101
7.590	0.110	7.601	0.064	7.614	0.017	7.626	0.038	10.979	-0.076	10.987	-0.017	10.995	0.011	11.007	0.038
7.642	0.063	7.654	-0.004	7.672	-0.085	7.687	0.021	11.021	0.025	11.035	-0.043	11.041	-0.110	11.051	-0.152
7.700	0.198	7.705	0.299	7.720	0.349	7.733	0.286	11.064	-0.127	11.074	-0.076	11.087	-0.047	11.100	-0.034
7.748	0.138	7.759	-0.030	7.777	-0.178	7.791	0.275	11.112	-0.047	11.130	-0.077	11.139	-0.106	11.157	-0.077
7.803	-0.330	7.827	-0.330	7.847	-0.331	7.870	-0.318	11.173	-0.047	11.198	-0.018	11.209	-0.056	11.218	-0.077
7.881	-0.348	7.896	-0.453	7.908	-0.529	7.914	-0.555	11.226	-0.081	11.243	-0.035	11.257	0.054	11.264	0.117
7.926	-0.504	7.939	-0.340	7.945	-0.112	7.954	0.023	11.274	0.142	11.295	0.104	11.304	0.058	11.322	0.007
7.962	0.090	7.978	0.170	7.987	0.099	8.000	0.018	11.334	-0.026	11.348	-0.026	11.360	0.020	11.383	0.092
8.010	-0.041	8.021	-0.070	8.036	-0.003	8.059	0.107	11.411	0.054	11.423	0.016	11.443	-0.010	11.463	-0.048
8.081	0.233	8.097	0.372	8.115	0.448	8.135	0.397	11.476	0.007	11.487	0.058	11.502	0.083	11.511	0.062
8.148	0.325	8.170	0.270	8.196	0.237	8.216	0.156	11.522	-0.001	11.532	-0.031	11.540	-0.082	11.550	-0.111
8.233	0.224	8.246	0.295	8.272	0.211	8.286	0.181	11.562	-0.111	11.577	-0.052	11.592	0.011	11.600	0.036
8.305	0.152	8.320	0.114	8.337	0.143	8.360	0.080	11.613	0.057	11.635	0.011	11.663	-0.086	11.673	-0.137
8.372	0.004	8.396	-0.055	8.408	-0.085	8.420	-0.102	11.683	-0.044	11.749	-0.073	11.760	-0.056	11.780	-0.035
8.436	-0.047	8.449	0.025	8.461	0.071	8.472	0.088	11.735	-0.044	11.811	-0.048	11.825	-0.031	11.838	-0.010
8.491	0.071	8.504	0.012	8.512	-0.026	8.525	0.029	11.795	-0.044	11.878	0.041	11.894	-0.002	11.911	-0.027
8.537	0.092	8.552	0.147	8.570	0.164	8.588	0.155	11.854	0.049	11.940	-0.010	11.959	-0.032	11.977	0.045
8.600	0.172	8.610	0.260	8.618	0.319	8.628	0.353	11.924	-0.048	12.005	-0.065	12.013	-0.086	12.030	-0.052
8.640	0.294	8.653	0.189	8.661	0.138	8.671	0.121	11.992	-0.027	12.061	0.041	12.073	-0.014	12.086	-0.040
8.684	0.146	8.702	0.193	8.717	0.184	8.732	0.184	12.043	0.003	12.061	0.041	12.073	-0.014	12.086	-0.040
8.739	0.205	8.754	0.104	8.763	0.007	8.777	-0.027	12.091	-0.069	12.099	-0.052	12.119	-0.023	12.135	-0.044
8.795	0.019	8.806	0.079	8.828	0.142	8.843	0.087	12.142	-0.052	12.155	0.007	12.165	0.083	12.173	0.125
8.856	0.036	8.874	0.066	8.896	0.108	8.914	0.142	12.191	0.146	12.211	0.116	12.224	0.049	12.236	0.024
8.927	0.192	8.942	0.230	8.955	0.125	8.968	0.041	12.257	0.053	12.274	0.024	12.287	-0.018	12.302	0.024
8.990	-0.010	9.018	-0.052	9.035	-0.082	9.054	-0.048	12.320	0.053	12.328	0.062	12.346	-0.011	12.356	-0.052
9.069	-0.014	9.081	-0.006	9.099	-0.052	9.112	-0.103	12.369	-0.128	12.381	-0.149	12.400	-0.086	12.410	-0.010
9.122	-0.166	9.134	-0.208	9.150	-0.137	9.170	-0.027	12.422	0.036	12.441	0.066	12.473	0.041	12.486	-0.010
9.187	0.100	9.198	0.197	9.206	0.256	9.220	0.247	12.494	-0.056	12.509	-0.078	12.520	-0.018	12.532	0.024
9.233	0.209	9.251	0.197	9.267	0.176	9.287	0.133	12.545	0.074	12.565	0.049	12.576	-0.003	12.590	-0.035
9.305	0.222	9.317	0.302	9.335	0.340	9.350	0.272	12.608	-0.052	12.629	-0.031	12.650	-0.002	12.669	0.024
9.360	0.197	9.366	0.100	9.380	0.053	9.396	0.108	12.683	0.049	12.701	0.082	12.721	0.057	12.736	0.049
9.408	0.158	9.424	0.133	9.442	0.116	9.462	0.108	12.747	0.066	12.761	0.083	12.782	0.163	12.797	0.095
9.479	0.074	9.488	0.036	9.502	0.019	9.518	0.032	12.813	0.142	12.831	0.150	12.846	0.163	12.861	0.159
9.536	-0.002	9.554	-0.040	9.568	-0.061	9.587	-0.065	12.889	0.159	12.912	0.108	12.925	0.036	12.941	-0.006
9.601	-0.141	9.620	-0.230	9.635	-0.272	9.647	-0.297	12.961	0.036	12.979	0.083	12.999	0.121	13.017	0.108
9.653	-0.213	9.681	-0.141	9.698	-0.167	9.706	-0.217	13.032	0.095	13.048	0.082	13.060	0.053	13.073	0.015
9.716	-0.243	9.722	-0.205	9.729	-0.171	9.745	-0.217	13.089	0.002	13.109	0.049	13.129	0.031	13.142	0.112
9.762	-0.184	9.773	-0.218	9.780	-0.230	9.801	-0.213	13.163	0.082	13.176	0.049	13.191	0.032	13.198	-0.002
9.826	-0.230	9.840	-0.247	9.852	-0.226	9.870	-0.171	13.216	-0.057	13.224	-0.032	13.250	0.002	13.273	0.015
9.896	-0.095	9.916	-0.053	9.932	0.014	9.944	0.048	13.296	0.040	13.317	0.069	13.332	0.095	13.345	0.111
9.955	0.065	9.972	0.044	9.991	0.027	10.014	0.073	13.368	0.078	13.386	0.006	13.399	-0.045	13.414	-0.112
10.040	0.136	10.057	0.124	10.077	0.123	10.093	0.119	13.431	-0.066	13.453	-0.036	13.453	0.006	13.480	-0.053
10.116	0.081	10.126	-0.020	10.152	-0.088	10.168	-0.088	13.499	-0.091	13.524	-0.138	13.545	-0.159	13.568	-0.205
10.185	-0.118	10.201	-0.105	10.217	-0.092	10.230	-0.046	13.580	-0.248	13.596	-0.231	13.621	-0.180	13.642	-0.176
10.245	-0.008	10.263	-0.051	10.270	-0.084	10.283	-0.118	13.668	-0.168	13.747	-0.139	13.706	-0.105	13.723	-0.197
10.298	-0.051	10.311	0.050	10.324	0.147	10.338	0.198	13.739	-0.168	13.747	-0.139	13.764	-0.105	13.782	-0.126
10.352	0.210	10.368	0.193	10.391	0.151	10.414	0.117	13.798	-0.156	13.814	-0.122	13.836	-0.076	13.854	-0.029
10.428	0.105	10.442	0.096	10.453	0.087	10.473	0.079	13.872	-0.017	13.887	0.013	13.903	-0.017	13.919	-0.029
10.487	0.037	10.499	-0.018	10.514	-0.077	10.528	-0.136	13.936	-0.046	13.946	-0.008	13.962	0.008	13.977	0.008
10.541	-0.175	10.553	-0.175	10.571	-0.208	10.584	-0.259	13.990	0.004	14.003	0.042	14.018	0.063	14.036	0.063
10.592	-0.310	10.605	-0.314	10.617	-0.259	10.633	-0.213	14.056	0.063	14.077	0.046	14.087	0.012	14.095	-0.005
10.655	-0.188	10.668	-0.125	10.679	-0.087	10.697	-0.037	14.110	-0.009	14.123	0.025	14.136	0.058	14.149	0.080
10.715	-0.074	10.732	-0.070	10.753	-0.087	10.768	-0.113	14.161	0.067	14.172	0.042	14.187	0.071	14.195	0.096

14.207	0.113	14.225	0.071	14.233	0.029	14.246	-0.013	17.759	-0.073	17.771	-0.018	17.779	-0.052	17.790	-0.031
14.267	0.003	14.287	0.008	14.300	0.008	14.318	-0.005	17.812	-0.043	17.823	-0.018	17.833	-0.026	17.855	-0.018
14.330	-0.014	14.346	0.041	14.363	0.079	14.382	0.066	17.865	-0.010	17.876	-0.068	17.886	-0.076	17.898	-0.047
14.409	0.041	14.430	0.012	14.445	-0.031	14.464	-0.014	17.916	-0.030	17.931	-0.042	17.937	-0.046	17.962	-0.046
14.479	-0.005	14.505	-0.014	14.515	-0.060	14.528	-0.086	17.972	-0.080	17.992	-0.062	18.007	-0.075	18.028	-0.062
14.537	-0.107	14.555	-0.056	14.563	-0.022	14.576	0.028	18.043	-0.062	18.063	-0.062	18.075	-0.062	18.088	-0.061
14.593	0.003	14.614	-0.044	14.638	-0.056	14.661	-0.061	18.096	-0.074	18.111	-0.078	18.124	-0.065	18.142	-0.035
14.679	-0.065	14.699	-0.073	14.719	-0.082	14.740	-0.048	18.156	-0.014	18.176	-0.003	18.190	-0.014	18.207	-0.031
14.752	-0.014	14.768	0.015	14.791	0.011	14.809	-0.031	18.227	-0.035	18.237	-0.039	18.248	-0.043	18.262	-0.051
14.827	-0.065	14.850	-0.065	14.871	-0.052	14.888	-0.018	18.276	-0.055	18.288	-0.072	18.301	-0.076	18.319	-0.068
14.904	-0.031	14.927	-0.048	14.949	-0.065	14.973	-0.073	18.339	-0.055	18.353	-0.072	18.367	-0.080	18.386	-0.055
14.986	-0.073	14.999	-0.065	15.014	-0.078	15.036	-0.082	18.400	-0.033	18.412	-0.033	18.429	-0.050	18.444	-0.071
15.058	-0.056	15.078	-0.040	15.088	0.011	15.104	0.049	18.467	-0.088	18.488	-0.071	18.505	-0.054	18.520	-0.041
15.119	0.062	15.139	0.062	15.160	0.041	15.178	0.036	18.538	-0.066	18.553	-0.092	18.576	-0.113	18.597	-0.066
15.191	0.045	15.214	0.045	15.225	0.032	15.237	0.032	18.617	-0.007	18.630	0.023	18.650	0.031	18.672	0.052
15.258	0.036	15.269	0.019	15.289	-0.018	15.307	-0.061	18.692	0.069	18.710	0.078	18.729	0.082	18.751	0.066
15.320	-0.082	15.333	-0.086	15.354	-0.044	15.367	0.003	18.772	0.070	18.809	0.070	18.830	0.066	18.855	0.049
15.382	0.028	15.398	0.041	15.409	0.037	15.427	0.037	18.876	0.041	18.878	0.041	18.898	0.062	18.908	0.066
15.442	0.016	15.452	-0.031	15.467	-0.039	15.485	-0.039	18.936	0.045	18.961	0.028	18.967	0.028	18.981	0.036
15.499	-0.031	15.517	-0.035	15.535	-0.048	15.543	-0.052	19.007	0.053	19.027	0.032	19.047	-0.002	19.055	-0.023
15.555	-0.102	15.569	-0.128	15.587	-0.119	15.602	-0.123	19.073	-0.035	19.091	-0.006	19.104	0.028	19.114	0.053
15.613	-0.106	15.626	-0.081	15.646	-0.081	15.664	-0.056	19.136	0.019	19.152	-0.014	19.169	-0.044	19.185	-0.065
15.678	-0.030	15.698	-0.001	15.713	0.008	15.735	0.008	19.207	-0.023	19.220	0.015	19.233	0.036	19.246	0.057
15.753	-0.009	15.765	-0.013	15.776	0.025	15.796	0.067	19.341	-0.040	19.352	-0.044	19.370	-0.006	19.397	0.032
15.805	0.084	15.817	0.105	15.831	0.071	15.846	0.054	19.417	-0.024	19.426	-0.024	19.450	0.015	19.469	-0.006
15.866	0.097	15.875	0.130	15.888	0.152	15.908	0.130	19.489	-0.044	19.511	-0.094	19.530	-0.061	19.555	-0.031
15.918	0.101	15.926	0.076	15.940	0.055	15.949	0.072	19.578	-0.014	19.605	-0.010	19.631	-0.002	19.656	0.007
15.955	0.097	15.968	0.105	15.984	0.046	15.994	0.004	19.676	-0.014	19.692	-0.018	19.714	0.019	19.728	0.041
16.006	-0.025	16.012	-0.055	16.025	-0.097	16.038	-0.109	19.745	0.053	19.761	0.036	19.781	0.011	19.796	-0.006
16.056	-0.080	16.077	-0.063	16.098	-0.063	16.121	-0.058	19.826	0.019	19.847	0.032	19.859	0.032	19.887	0.036
16.141	-0.033	16.152	-0.020	16.163	-0.001	16.183	-0.003	19.913	0.045	19.954	0.057	19.979	0.057	20.007	0.053
16.194	-0.020	16.208	-0.029	16.221	-0.003	16.238	-0.009	20.030	0.053	20.047	0.053	20.066	0.057	20.086	0.057
16.258	-0.037	16.271	-0.087	16.284	-0.117	16.299	-0.142	20.099	0.045	20.111	0.028	20.124	0.003	20.131	-0.006
16.313	-0.167	16.331	-0.142	16.340	-0.112	16.351	-0.100	20.152	0.019	20.165	0.045	20.183	0.062	20.203	0.079
16.369	-0.112	16.384	-0.117	16.397	-0.125	16.408	-0.121	20.218	0.057	20.229	0.049	20.262	0.066	20.275	0.049
16.423	-0.117	16.436	-0.104	16.447	-0.091	16.457	-0.070	20.297	0.036	20.315	0.057	20.341	0.079	20.363	0.036
16.470	-0.066	16.488	-0.091	16.501	-0.121	16.514	-0.083	20.374	-0.002	20.387	-0.040	20.400	-0.006	20.428	0.049
16.529	-0.078	16.547	-0.087	16.566	-0.087	16.579	-0.045	20.448	0.028	20.466	0.015	20.486	0.011	20.511	0.003
16.599	-0.028	16.620	-0.006	16.644	-0.006	16.666	0.006	20.527	0.007	20.545	-0.006	20.567	0.011	20.583	0.024
16.684	0.010	16.703	0.011	16.718	-0.006	16.731	-0.011	20.609	0.024	20.622	0.028	20.650	0.028	20.664	0.019
16.754	-0.010	16.772	0.015	16.783	0.032	16.796	0.044	20.680	0.015	20.705	0.011	20.728	0.011	20.751	0.011
16.816	0.011	16.829	0.007	16.853	0.028	16.871	0.045	20.771	0.019	20.802	0.040	20.827	0.019	20.835	0.006
16.883	0.049	16.894	0.074	16.915	0.129	16.936	0.087	20.855	0.015	20.876	0.015	20.896	-0.011	20.914	-0.023
16.951	0.049	16.964	0.036	16.974	0.015	16.989	0.053	20.935	-0.002	20.955	0.010	20.986	0.006	21.019	-0.007
17.002	0.074	17.018	0.045	17.036	-0.010	17.044	-0.027	21.046	-0.011	21.065	-0.024	21.082	-0.036	21.111	-0.024
17.055	-0.052	17.070	-0.022	17.083	0.016	17.098	0.050	21.138	-0.053	21.171	-0.032	21.189	-0.053	21.204	-0.066
17.111	0.029	17.121	0.012	17.139	0.041	17.159	0.075	21.225	-0.083	21.242	-0.096	21.271	-0.071	21.298	-0.096
17.168	0.054	17.193	0.037	17.200	0.059	17.213	0.075	21.316	-0.096	21.340	-0.079	21.355	-0.067	21.373	-0.096
17.224	0.080	17.241	0.055	17.260	0.038	17.280	0.017	21.512	-0.021	21.531	-0.042	21.553	-0.051	21.576	-0.051
17.300	0.000	17.315	-0.008	17.328	-0.021	17.344	-0.029	21.599	0.020	21.627	-0.026	21.653	-0.064	21.670	-0.056
17.359	-0.071	17.377	-0.033	17.388	0.005	17.403	0.038	21.701	-0.026	21.719	-0.027	21.739	-0.027	21.760	0.003
17.423	0.068	17.441	0.056	17.454	0.022	17.466	0.005	21.808	0.041	21.808	0.040	21.836	0.032	21.863	0.032
17.482	-0.007	17.497	0.001	17.520	-0.001	17.543	-0.007	21.895	0.036	21.921	0.040	21.955	0.040	21.980	0.035
17.561	0.001	17.584	-0.020	17.600	-0.049	17.615	-0.049	22.006	0.052	22.036	0.026	22.054	0.031	22.074	0.039
17.645	-0.045	17.661	-0.040	17.668	-0.028	17.683	-0.015								
17.699	-0.011	17.719	-0.032	17.732	-0.048	17.746	-0.057								

22.100	0.022	22.118	0.018	22.143	0.017	22.169	0.030	27.620	-0.075	27.639	-0.054	27.652	-0.025	27.670	0.000
22.190	0.038	22.210	0.021	22.241	-0.000	22.261	0.029	27.684	0.000	27.696	0.000	27.723	0.008	27.739	0.008
22.293	0.071	22.320	0.059	22.352	0.046	22.374	0.046	27.754	0.016	27.775	0.021	27.794	0.025	27.806	0.041
22.388	0.046	22.413	0.016	22.447	0.029	22.472	0.012	27.825	0.058	27.846	0.066	27.859	0.058	27.878	0.041
22.511	-0.014	22.539	0.012	22.552	0.016	22.592	0.014	27.903	0.032	27.919	0.045	27.945	0.057	27.967	0.057
22.623	-0.005	22.653	0.003	22.664	0.011	22.694	-0.014	27.984	0.057	28.000	0.048	28.016	0.035	28.039	0.023
22.715	-0.031	22.740	-0.056	22.763	-0.027	22.781	0.003	28.053	-0.003	28.072	0.011	28.090	-0.020	28.111	-0.003
22.804	-0.027	22.829	-0.052	22.860	-0.031	22.893	0.003	28.126	0.001	28.142	0.001	28.157	-0.016	28.175	-0.029
22.926	0.007	22.947	0.007	22.974	0.015	22.992	0.041	28.196	-0.012	28.214	-0.008	28.236	-0.004	28.256	-0.004
23.013	0.066	23.046	0.041	23.073	0.041	23.104	0.015	28.267	-0.013	28.287	0.008	28.301	0.017	28.319	0.021
23.125	-0.006	23.167	-0.006	23.185	0.007	23.218	0.024	28.330	-0.000	28.340	-0.017	28.352	-0.030	28.373	-0.013
23.245	0.049	23.263	0.062	23.284	0.066	23.311	0.079	28.399	0.016	28.423	0.008	28.436	0.004	28.449	-0.017
23.337	0.091	23.369	0.062	23.397	0.045	23.422	0.024	28.454	-0.022	28.478	-0.013	28.493	0.001	28.506	0.012
23.463	-0.014	23.496	-0.039	23.529	-0.043	23.556	-0.043	28.522	0.029	28.555	0.003	28.571	0.012	28.592	0.045
23.585	-0.022	23.609	-0.022	23.638	-0.039	23.676	-0.073	28.618	0.041	28.637	0.041	28.651	0.028	28.669	0.024
23.699	-0.039	23.719	-0.026	23.751	-0.026	23.779	-0.009	28.693	0.019	28.711	0.011	28.737	0.028	28.750	0.032
23.812	-0.026	23.842	-0.051	23.883	-0.009	23.904	-0.017	28.773	0.019	28.803	0.040	28.832	0.011	28.858	-0.015
23.931	-0.034	23.972	0.004	24.002	-0.008	24.028	0.009	28.874	-0.023	28.887	-0.032	28.917	-0.015	28.932	-0.015
24.056	0.038	24.078	0.005	24.103	0.021	24.129	-0.012	28.963	0.019	28.982	0.014	29.017	0.027	29.043	0.044
24.155	-0.008	24.188	-0.033	24.215	-0.037	24.239	-0.007	29.062	0.035	29.087	0.031	29.105	0.031	29.129	0.035
24.272	0.014	24.309	0.022	24.342	-0.011	24.365	-0.024	29.152	0.056	29.182	0.014	29.216	0.001	29.231	0.005
24.389	-0.003	24.434	-0.028	24.483	-0.032	24.516	-0.049	29.257	0.026	29.283	0.001	29.313	0.030	29.339	-0.004
24.559	-0.044	24.592	-0.006	24.625	0.010	24.655	0.006	29.372	0.013	29.408	-0.026	29.429	-0.038	29.457	-0.005
24.684	-0.015	24.702	-0.015	24.730	0.019	24.758	0.023	29.477	0.016	29.505	0.007	29.513	0.024	29.528	0.041
24.780	0.019	24.800	0.002	24.831	0.015	24.862	-0.010	29.552	0.024	29.569	0.011	29.603	0.011	29.620	0.011
24.902	0.040	24.938	0.041	24.966	0.032	24.997	0.049	29.644	-0.011	29.664	0.010	29.686	0.019	29.719	-0.011
25.034	-0.028	25.065	-0.036	25.098	-0.049	25.133	0.007	29.740	-0.020	29.776	0.014	29.813	0.022	29.832	0.043
25.156	0.018	25.189	-0.006	25.229	-0.031	25.255	-0.027	29.844	0.043	29.865	0.026	29.893	0.025	29.911	0.021
25.296	-0.014	25.335	0.024	25.361	0.011	25.397	0.015	29.935	0.021	29.944	0.012	29.964	-0.001	29.984	0.029
25.434	0.019	25.455	-0.002	25.502	-0.002	25.536	-0.002	30.017	0.020	30.043	-0.006	30.066	-0.032	30.085	-0.006
25.575	-0.006	25.613	0.007	25.639	-0.002	25.673	-0.006	30.104	0.031	30.144	-0.003	30.175	-0.016	30.185	-0.020
25.696	0.024	25.728	0.024	25.754	0.032	25.789	0.028	30.221	0.017	30.244	0.034	30.266	-0.009	30.280	-0.022
25.829	0.015	25.841	0.007	25.879	-0.031	25.902	-0.031	30.312	-0.001	30.336	0.024	30.356	0.007	30.377	-0.010
25.935	-0.035	25.967	-0.052	26.000	-0.035	26.027	-0.056	30.410	-0.019	30.422	0.002	30.445	0.014	30.470	-0.003
26.054	-0.023	26.079	-0.002	26.095	0.003	26.115	0.007	30.479	-0.020	30.504	0.004	30.532	0.021	30.553	0.020
26.155	0.045	26.188	0.015	26.222	0.015	26.242	-0.006	30.567	0.041	30.595	0.049	30.614	0.024	30.636	0.002
26.265	0.015	26.282	0.024	26.305	0.024	26.327	-0.006	30.655	0.002	30.677	0.010	30.705	0.014	30.724	-0.003
26.365	0.045	26.392	0.007	26.425	0.015	26.443	-0.010	30.736	-0.029	30.767	-0.021	30.795	-0.013	30.815	-0.030
26.473	0.032	26.498	0.003	26.520	0.007	26.545	-0.031	30.826	-0.039	30.853	-0.031	30.884	-0.031	30.904	-0.031
26.576	0.007	26.601	0.007	26.631	0.024	26.658	-0.010	30.928	-0.023	30.943	-0.023	30.960	-0.028	30.983	-0.003
26.685	-0.002	26.701	-0.036	26.733	-0.041	26.765	-0.002	31.007	-0.027	31.025	0.006	31.040	0.005	31.057	0.005
26.785	-0.009	26.813	-0.041	26.835	-0.041	26.863	-0.028	31.067	-0.012	31.076	-0.016	31.090	0.005	31.108	0.026
26.888	-0.079	26.920	-0.024	26.953	-0.067	26.973	-0.025	31.134	-0.004	31.159	-0.029	31.176	-0.034	31.199	0.013
26.975	-0.033	26.976	-0.037	26.978	-0.041	26.980	-0.046	31.219	0.038	31.235	0.055	31.265	0.042	31.288	0.050
*26.981	-0.050	26.983	-0.021	26.993	0.046	27.000	-0.068	31.311	0.062	31.326	0.071	31.351	0.066	31.366	0.062
27.033	-0.055	27.051	-0.056	27.061	-0.064	27.078	-0.031	31.391	0.015	31.404	-0.018	31.417	-0.002	31.440	0.019
27.128	-0.048	27.141	-0.014	27.157	0.011	27.172	-0.002	31.460	0.024	31.477	0.032	31.493	0.028	31.513	0.036
27.184	-0.010	27.194	0.002	27.207	0.019	27.217	-0.002	31.532	0.032	31.553	0.011	31.568	-0.019	31.578	-0.006
27.232	-0.002	27.246	0.015	27.264	0.027	27.276	0.007	31.593	0.002	31.608	0.002	31.631	-0.023	31.651	-0.053
27.291	0.023	27.306	0.023	27.316	0.010	27.325	-0.007	31.664	-0.032	31.679	-0.015	31.719	-0.032	31.742	-0.036
27.339	-0.024	27.362	-0.011	27.376	0.002	27.388	-0.011	31.763	-0.049	31.767	-0.040	31.796	0.002	31.801	-0.002
27.401	-0.015	27.411	-0.003	27.434	0.006	27.447	-0.003	31.824	-0.014	31.841	-0.019	31.849	-0.045	31.859	-0.066
27.462	-0.016	27.474	-0.020	27.487	-0.028	27.502	-0.037	31.879	-0.011	31.896	0.040	31.902	0.065	31.912	0.090
27.516	-0.037	27.534	-0.037	27.548	-0.024	27.561	0.001	31.930	0.061	31.942	0.010	31.957	-0.028	31.977	-0.015
27.579	0.009	27.594	-0.004	27.602	-0.029	27.608	-0.050	32.006	0.018	32.018	0.052	32.030	0.060	32.056	0.048
								32.086	0.022	32.106	0.009	32.133	0.018	32.147	0.026

32.168	0.043	32.197	0.022	32.214	0.022	32.238	0.034	37.396	0.003	37.441	0.015	37.479	0.019	37.513	0.023
32.251	0.026	32.263	0.026	32.284	0.051	32.302	0.076	37.525	0.022	37.545	0.001	37.573	0.018	37.599	0.001
32.322	0.046	32.333	0.017	32.354	-0.017	32.374	-0.025	37.630	0.000	37.657	0.000	37.683	0.009	37.699	0.000
32.395	-0.017	32.420	-0.017	32.423	-0.021	32.443	-0.034	37.737	-0.009	37.759	-0.013	37.787	-0.017	37.811	-0.017
32.469	-0.009	32.492	0.016	32.515	0.020	32.538	0.020	37.823	-0.018	37.833	-0.018	37.851	0.003	37.869	0.020
32.544	0.012	32.561	-0.010	32.566	-0.014	32.579	0.016	37.889	0.003	37.912	-0.010	37.941	-0.010	37.969	0.007
32.595	0.033	32.610	0.079	32.619	0.087	32.649	0.044	37.986	0.003	38.006	-0.010	38.025	-0.010	38.047	-0.002
32.662	0.015	32.672	-0.011	32.681	-0.027	32.699	-0.019	38.067	-0.002	38.081	-0.002	38.106	-0.015	38.128	-0.015
32.709	-0.019	32.738	-0.045	32.761	-0.045	32.779	0.045	38.147	-0.015	38.170	-0.007	38.202	0.014	38.220	0.001
32.789	-0.020	32.802	0.014	32.817	0.039	32.833	0.056	38.241	-0.007	38.258	-0.012	38.279	0.005	38.304	0.013
32.859	0.030	32.874	0.009	32.897	0.030	32.918	0.051	38.337	0.026	38.365	0.009	38.395	0.021	38.418	0.004
32.944	0.059	32.963	0.072	32.978	0.084	32.996	0.050	38.448	-0.013	38.463	-0.013	38.492	-0.001	38.521	-0.001
33.020	-0.005	33.034	-0.030	33.042	-0.039	33.056	-0.009	38.535	-0.001	38.540	-0.001	38.562	0.003	38.587	0.011
33.081	0.032	33.105	0.040	33.128	0.040	33.140	0.019	38.608	0.020	38.639	0.028	38.661	0.028	38.681	0.027
33.163	-0.024	33.177	-0.003	33.200	0.018	33.231	0.017	38.704	0.027	38.727	0.010	38.750	0.018	38.766	0.010
33.246	0.021	33.267	0.021	33.285	0.033	33.302	0.041	38.798	-0.003	38.824	0.001	38.844	0.009	38.870	0.013
33.341	0.015	33.369	-0.019	33.400	-0.011	33.421	0.010	38.898	0.008	38.918	0.008	38.938	0.008	38.961	0.012
33.429	0.014	33.449	0.005	33.480	-0.004	33.506	0.013	38.971	0.016	39.004	-0.014	39.030	-0.014	39.057	-0.014
33.536	0.012	33.557	0.020	33.590	0.037	33.618	0.036	39.076	-0.015	39.104	-0.006	39.132	-0.007	39.160	-0.007
33.624	0.036	33.660	0.057	33.676	0.036	33.696	0.018	39.175	-0.007	39.193	-0.007	39.207	-0.008	39.232	-0.008
33.721	-0.007	33.732	-0.007	33.757	-0.025	33.778	-0.046	39.258	-0.008	39.296	-0.009	39.297	-0.009	39.324	-0.013
33.803	-0.030	33.827	-0.021	33.853	-0.022	33.858	-0.022	39.345	-0.018	39.369	-0.009	39.389	0.003	39.410	-0.010
33.880	-0.001	33.904	0.015	33.927	0.023	33.940	0.023	39.430	-0.022	39.449	-0.035	39.469	-0.023	39.495	-0.014
33.952	-0.006	33.983	-0.041	33.996	-0.024	34.017	-0.016	39.515	-0.006	39.554	-0.036	39.593	-0.007	39.625	0.014
34.038	-0.029	34.043	-0.020	34.078	0.013	34.109	0.000	39.651	0.018	39.671	0.009	39.723	0.022	39.744	0.009
34.132	-0.012	34.143	-0.008	34.163	0.000	34.199	-0.012	39.795	0.017	39.818	0.007	39.861	-0.009	39.874	-0.009
34.227	-0.021	34.235	-0.013	34.259	0.008	34.287	0.021	39.901	0.004	39.932	0.004	39.975	0.008	40.003	-0.009
34.310	0.021	34.338	0.008	34.354	0.004	34.377	0.017	40.042	0.008	40.080	0.004	40.106	-0.000	40.134	0.013
34.389	0.012	34.415	-0.000	34.435	0.008	34.461	-0.000	40.164	-0.017	40.205	0.017	40.233	0.017	40.260	0.013
34.476	-0.030	34.495	-0.051	34.523	-0.047	34.556	-0.030	40.283	0.017	40.304	0.017	40.326	0.017	40.342	0.017
34.587	-0.005	34.615	0.021	34.639	0.017	34.664	0.012	40.362	0.005	40.382	0.005	40.413	0.009	40.445	0.017
34.687	0.017	34.713	0.030	34.732	0.030	34.765	0.030	40.471	0.018	40.497	0.005	40.527	0.001	40.549	0.005
34.791	0.030	34.804	0.030	34.834	0.043	34.847	0.051	40.577	0.009	40.597	0.026	40.630	0.026	40.661	0.014
34.868	0.026	34.899	0.018	34.927	0.018	34.945	-0.003	40.686	-0.003	40.707	0.014	40.725	0.026	40.733	0.031
35.116	0.002	35.144	0.010	35.167	0.023	35.206	0.027	40.834	0.010	40.857	0.006	40.883	0.018	40.918	0.022
35.232	0.027	35.254	0.036	35.271	0.036	35.288	0.006	40.946	0.005	40.959	0.001	40.984	0.013	41.018	0.009
35.320	0.015	35.337	0.015	35.356	0.015	35.387	-0.002	41.041	0.009	41.068	0.008	41.096	0.008	41.122	-0.001
35.412	-0.010	35.458	0.015	35.495	0.032	35.505	0.036	41.140	-0.005	41.168	0.012	41.197	0.016	41.220	0.015
35.521	0.057	35.553	0.070	35.587	0.057	35.611	0.036	41.251	0.011	41.268	0.007	41.297	-0.006	41.321	0.006
35.628	0.024	35.657	0.032	35.679	-0.062	35.804	-0.020	41.344	0.018	41.372	0.014	41.406	0.005	41.426	0.013
35.728	-0.057	35.759	-0.062	35.779	-0.062	35.804	-0.020	41.453	0.021	41.469	0.017	41.512	-0.001	41.547	-0.014
35.828	0.001	35.837	0.005	35.861	0.018	35.904	0.039	41.587	-0.023	41.631	-0.019	41.651	-0.015	41.679	-0.011
35.935	0.030	35.981	0.047	35.996	0.034	36.032	0.025	41.717	-0.003	41.732	0.001	41.759	0.005	41.790	0.013
36.075	0.008	36.111	-0.010	36.152	-0.010	36.180	0.006	41.817	0.025	41.843	0.029	41.868	0.020	41.883	0.020
36.208	-0.007	36.246	0.001	36.279	0.009	36.303	0.009	41.904	0.024	41.929	0.040	41.947	0.040	41.967	0.031
36.322	0.008	36.344	0.008	36.375	0.012	36.408	0.024	42.003	0.023	42.022	0.022	42.042	0.022	42.056	0.022
36.431	0.032	36.458	0.002	36.476	-0.002	36.496	0.007	42.083	0.021	42.101	0.017	42.136	0.016	42.162	0.024
36.529	0.022	36.557	-0.004	36.583	-0.012	36.613	-0.017	42.185	0.028	42.205	0.020	42.220	0.019	42.248	0.015
36.640	-0.013	36.656	-0.005	36.679	-0.001	36.704	-0.018	42.274	0.014	42.312	0.014	42.350	0.005	42.398	0.009
36.727	-0.014	36.755	0.010	36.782	0.027	36.801	0.027	42.423	0.017	42.455	0.021	42.479	0.020	42.510	0.012
36.828	0.018	36.859	0.013	36.868	0.013	36.892	0.008	42.537	-0.001	42.565	0.003	42.594	0.011	42.644	0.015
36.917	-0.000	36.940	-0.005	36.960	-0.005	36.990	0.024	42.669	0.023	42.693	0.027	42.722	0.014	42.751	0.013
37.010	0.036	37.043	0.006	37.069	0.014	37.109	0.039	42.779	0.022	42.802	0.000	42.832	-0.004	42.851	0.012
37.150	0.030	37.182	0.034	37.205	0.030	37.236	0.004	42.888	-0.001	42.914	-0.009	42.934	-0.004	42.958	-0.001
37.261	0.012	37.282	0.012	37.314	-0.013	37.358	-0.010	42.999	0.007	43.040	0.020	43.071	0.015	43.075	0.015

43.103	0.019	43.139	0.015	43.171	0.015	43.202	0.006	49.925	0.018	49.948	0.018	49.972	0.018	49.994	0.022
43.237	-0.003	43.283	-0.007	43.303	-0.011	43.314	-0.012	50.025	0.026	50.044	0.026	50.072	0.017	50.106	0.016
43.362	-0.008	43.394	-0.008	43.424	-0.017	43.462	-0.017	50.127	0.016	50.152	0.015	50.172	0.015	50.183	0.015
43.501	-0.013	43.543	-0.001	43.582	-0.010	43.621	-0.023	50.199	0.015	50.231	0.014	50.266	0.014	50.304	0.022
43.640	-0.032	43.655	-0.015	43.685	-0.011	43.721	-0.007	50.343	0.025	50.366	0.021	50.412	0.020	50.437	0.020
43.758	-0.008	43.791	-0.016	43.812	-0.017	43.844	0.004	50.474	0.015	50.499	0.023	50.536	0.018	50.569	0.017
43.870	0.004	43.900	-0.005	43.917	-0.005	43.951	0.011	50.597	0.016	50.617	0.024	50.635	0.028	50.661	0.019
43.973	0.003	43.991	0.002	44.009	0.010	44.029	0.014	50.693	0.010	50.726	0.022	50.736	0.030	50.783	0.017
44.062	0.006	44.090	0.005	44.113	-0.004	44.150	-0.004	50.817	0.012	50.842	-0.002	50.878	-0.011	50.902	-0.003
44.176	-0.013	44.220	-0.009	44.251	-0.010	44.288	-0.002	50.940	-0.008	50.972	0.004	50.989	0.004	51.015	0.007
44.316	0.006	44.340	0.006	44.353	-0.003	44.378	0.005	51.046	0.007	51.067	0.007	51.098	-0.007	51.126	-0.007
44.404	0.017	44.426	0.013	44.445	0.013	44.477	0.012	51.152	-0.008	51.155	-0.008	51.212	-0.009	51.248	-0.005
44.513	0.020	44.556	0.020	44.593	0.019	44.629	0.018	51.277	-0.005	51.313	-0.002	51.353	0.002	51.383	0.006
44.654	0.022	44.688	0.030	44.742	0.042	44.780	0.041	51.418	0.009	51.448	0.009	51.469	-0.008	51.521	-0.005
44.808	0.028	44.837	0.015	44.869	0.002	44.906	-0.003	51.550	0.008	51.586	0.007	51.607	0.007	51.619	0.007
44.937	0.001	44.952	0.001	44.998	0.000	45.037	-0.000	51.645	-0.002	51.693	-0.002	51.726	-0.003	51.755	-0.003
45.067	-0.001	45.108	-0.001	45.144	0.006	45.185	-0.011	51.785	-0.003	51.824	-0.012	51.862	-0.012	51.888	-0.013
45.220	-0.003	45.254	0.009	45.299	0.017	45.318	0.021	51.943	-0.013	51.975	-0.009	52.031	-0.010	52.071	-0.019
45.355	0.021	45.392	0.020	45.424	0.020	45.468	0.015	52.099	-0.027	52.140	-0.019	52.180	-0.015	52.211	-0.024
45.514	-0.007	45.560	-0.003	45.574	0.005	45.610	0.013	52.239	-0.028	52.272	-0.020	52.309	-0.015	52.355	-0.016
45.641	0.013	45.668	0.004	45.694	0.008	45.735	0.004	52.396	-0.007	52.413	-0.008	52.443	-0.008	52.477	-0.004
45.778	0.003	45.795	0.003	45.835	-0.014	45.881	-0.011	52.509	0.005	52.544	-0.008	52.577	-0.008	52.620	0.000
45.916	-0.003	45.954	0.001	45.990	0.005	46.016	0.005	52.681	-0.013	52.701	-0.009	52.729	-0.009	52.755	-0.013
46.051	-0.008	46.102	-0.013	46.135	-0.014	46.168	-0.014	52.785	-0.009	52.841	-0.005	52.894	-0.001	52.948	-0.006
46.203	-0.019	46.211	-0.006	46.238	-0.006	46.269	-0.017	53.102	0.006	53.117	0.010	53.137	0.009	53.158	0.009
46.310	-0.012	46.335	-0.020	46.370	-0.017	46.398	-0.017	53.181	0.008	53.229	0.012	53.249	0.012	53.280	0.015
46.431	-0.013	46.465	-0.014	46.503	-0.018	46.520	-0.019	53.307	0.019	53.308	0.023	53.343	0.023	53.399	0.026
46.559	0.002	46.599	0.002	46.634	0.001	46.650	0.010	53.434	0.021	53.478	0.024	53.534	0.015	53.577	0.014
46.687	0.013	46.721	0.013	46.758	0.013	46.787	0.017	53.597	0.001	53.623	0.013	53.650	0.004	53.673	0.003
46.812	0.017	46.834	0.016	46.857	0.025	46.883	0.016	53.710	0.002	53.734	0.002	53.755	0.001	53.791	0.000
46.908	0.016	46.934	0.015	46.976	0.024	47.002	0.023	53.829	-0.009	53.867	-0.005	53.883	-0.002	53.921	-0.003
47.042	0.019	47.068	0.014	47.101	0.014	47.141	0.022	53.954	-0.003	54.002	-0.004	54.038	-0.005	54.071	-0.005
47.171	0.026	47.207	0.021	47.234	0.008	47.260	0.008	54.107	0.001	54.145	0.002	54.182	0.002	54.219	0.001
47.285	0.007	47.316	0.003	47.353	-0.006	47.383	-0.006	54.261	0.001	54.302	0.000	54.324	-0.004	54.368	-0.001
47.411	0.002	47.450	0.001	47.485	0.001	47.528	0.000	54.370	-0.005	54.379	-0.009	54.407	0.007	54.430	0.011
47.551	-0.009	47.578	-0.013	47.604	-0.014	47.629	-0.006	54.460	-0.002	54.489	0.014	54.512	0.010	54.542	0.001
47.660	0.010	47.698	-0.007	47.748	-0.004	47.767	0.000	54.598	-0.004	54.639	-0.000	54.664	-0.000	54.696	0.004
47.807	-0.001	47.827	-0.001	47.868	-0.006	47.896	-0.006	54.736	0.004	54.770	0.003	54.801	0.016	54.851	0.005
47.939	-0.011	47.967	-0.020	47.995	-0.017	48.019	-0.017	54.776	0.004	54.907	0.011	54.966	-0.002	55.002	0.006
48.042	-0.013	48.064	-0.018	48.080	-0.018	48.120	0.002	55.049	0.014	55.077	0.001	55.115	0.001	55.146	0.005
48.178	0.006	48.218	0.005	48.247	0.005	48.270	0.009	55.166	0.001	55.202	0.000	55.235	0.000	55.263	0.009
48.293	0.004	48.314	0.004	48.358	0.012	48.381	0.012	55.299	0.008	55.327	0.012	55.349	0.012	55.366	0.020
48.399	0.012	48.425	0.011	48.451	0.011	48.477	0.002	55.394	0.024	55.420	0.028	55.440	0.028	55.489	0.007
48.499	0.002	48.521	0.002	48.535	0.002	48.569	0.001	55.517	0.011	55.543	0.006	55.584	0.006	55.622	0.001
48.602	0.012	48.616	-0.012	48.646	-0.008	48.662	0.000	55.646	-0.008	55.700	-0.000	55.735	0.008	55.764	0.016
48.695	0.012	48.721	0.012	48.746	0.007	48.770	0.007	55.776	0.011	55.794	0.011	55.825	-0.006	55.852	0.002
48.795	-0.002	48.819	-0.006	48.844	-0.011	48.881	-0.007	55.879	0.010	55.906	0.003	55.924	-0.016	55.962	-0.013
48.911	-0.007	48.940	-0.012	48.958	-0.016	48.988	-0.004	55.983	-0.005	56.024	0.003	56.063	0.002	56.101	-0.002
48.998	-0.004	49.052	-0.013	49.073	-0.014	49.094	-0.010	56.144	-0.007	56.166	-0.008	56.194	-0.008	56.232	0.008
49.160	-0.002	49.184	0.002	49.209	0.001	49.238	-0.007	56.268	-0.010	56.321	-0.002	56.367	0.001	56.405	0.000
49.264	0.001	49.294	0.000	49.316	-0.000	49.341	-0.000	56.439	-0.009	56.480	-0.001	56.498	-0.001	56.536	0.015
49.380	0.003	49.393	0.003	49.431	0.003	49.454	0.002	56.569	0.005	56.589	0.003	56.616	0.000	56.644	-0.013
49.496	0.006	49.517	-0.003	49.555	0.009	49.571	0.009	56.666	-0.005	56.689	-0.003	56.717	0.002	56.757	0.010
49.601	-0.008	49.637	-0.004	49.664	-0.004	49.700	-0.005	56.770	0.010	56.800	-0.007	56.825	-0.012	56.839	-0.008
49.712	-0.001	49.733	0.024	49.759	0.011	49.796	0.011	56.859	-0.008						
49.819	0.007	49.842	0.011	49.871	0.015	49.899	0.014								

1880 PCINTS 76.578 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1974 G/10.

[illegible]

9.015	0.284	9.042	0.176	9.081	0.085	9.110	0.160	15.784	0.360	15.800	0.268	15.835	0.111	15.876	-0.023
9.127	0.301	9.143	0.466	9.159	0.574	9.182	0.599	15.924	-0.056	15.966	0.001	16.004	0.042	16.039	0.067
9.221	0.491	9.237	0.359	9.273	0.193	9.302	0.085	16.068	0.008	16.100	-0.058	16.145	-0.099	16.181	-0.099
9.329	0.035	9.374	0.035	9.407	0.102	9.429	0.151	16.220	-0.090	16.252	-0.123	16.287	-0.165	16.326	-0.272
9.446	0.093	9.478	0.027	9.504	-0.072	9.524	-0.130	16.349	-0.363	16.378	-0.454	16.394	-0.529	16.416	-0.553
9.560	-0.130	9.589	-0.138	9.624	-0.105	9.662	-0.054	16.458	-0.495	16.491	-0.421	16.510	-0.396	16.536	-0.404
9.691	-0.021	9.723	0.021	9.761	0.097	9.796	0.155	16.568	-0.486	16.594	-0.561	16.620	-0.585	16.652	-0.519
9.837	0.206	9.853	0.239	9.889	0.240	9.914	0.207	16.684	-0.369	16.701	-0.295	16.743	-0.236	16.778	-0.228
9.943	0.000	9.968	0.009	9.994	-0.057	10.012	-0.131	16.807	-0.186	16.849	-0.120	16.882	-0.003	16.921	-0.020
10.064	-0.188	10.095	-0.221	10.124	-0.213	10.149	-0.180	16.972	-0.052	17.015	-0.077	17.073	-0.101	17.115	-0.118
10.180	-0.238	10.205	-0.255	10.233	-0.263	10.268	-0.288	17.154	-0.160	17.180	-0.218	17.222	-0.226	17.258	-0.185
10.296	-0.371	10.321	-0.453	10.346	-0.528	10.371	-0.528	17.294	-0.086	17.336	-0.038	17.362	-0.055	17.401	-0.013
10.399	-0.503	10.428	-0.470	10.456	-0.420	10.475	-0.412	17.424	-0.053	17.453	-0.128	17.483	-0.186	17.515	-0.194
10.519	-0.329	10.547	-0.255	10.581	-0.131	10.613	-0.057	17.554	0.170	17.593	-0.096	17.632	0.036	17.675	0.111
10.648	-0.024	10.670	-0.025	10.699	-0.091	10.734	-0.033	17.704	0.210	17.750	-0.209	17.776	0.192	17.805	0.134
10.750	-0.167	10.781	-0.175	10.813	-0.135	10.835	-0.077	17.850	0.100	17.886	-0.124	17.919	0.207	17.948	0.306
10.886	-0.036	10.915	0.005	10.934	-0.037	10.956	-0.129	17.984	0.364	18.026	-0.346	18.059	0.321	18.107	0.287
10.978	-0.212	11.013	-0.262	11.042	-0.238	11.070	-0.230	18.143	0.311	18.181	-0.427	18.204	0.493	18.233	0.567
11.109	-0.304	11.119	-0.371	11.148	-0.495	11.180	-0.569	18.275	0.558	18.291	-0.491	18.320	0.391	18.342	0.300
11.225	-0.569	11.274	-0.478	11.297	-0.304	11.313	-0.172	18.375	0.258	18.404	-0.258	18.429	0.299	18.468	0.331
11.326	-0.064	11.351	0.069	11.374	0.093	11.400	0.059	18.497	0.347	18.526	-0.264	18.581	0.130	18.606	0.080
11.429	-0.002	11.445	-0.081	11.477	-0.130	11.507	-0.205	18.648	0.038	18.680	-0.038	18.712	0.054	18.750	0.087
11.532	-0.263	11.558	-0.329	11.581	-0.337	11.619	-0.287	18.804	0.053	18.836	-0.005	18.878	-0.031	18.923	-0.006
11.651	-0.137	11.680	0.004	11.709	0.154	11.737	0.361	18.961	0.010	19.009	-0.017	19.041	0.009	19.066	0.017
11.747	0.494	11.753	0.602	11.788	0.735	11.804	0.752	19.118	-0.017	19.150	-0.075	19.195	-0.116	19.224	-0.175
11.827	0.711	11.852	0.570	11.878	0.422	11.897	0.339	19.275	-0.193	19.311	-0.142	19.346	-0.125	19.388	-0.150
11.929	0.265	11.945	0.274	11.993	0.266	12.018	0.258	19.426	-0.209	19.478	-0.176	19.516	-0.159	19.549	-0.176
12.054	0.209	12.073	0.209	12.114	0.193	12.149	0.202	19.578	-0.185	19.630	-0.210	19.685	-0.186	19.721	-0.211
12.193	0.243	12.247	0.277	12.269	0.277	12.297	0.311	19.773	-0.179	19.819	-0.312	19.855	-0.321	19.910	-0.296
12.361	0.377	12.383	0.270	12.402	0.113	12.421	-0.053	19.959	-0.313	20.011	-0.314	20.063	-0.290	20.112	-0.225
12.440	-0.152	12.484	-0.226	12.513	-0.160	12.541	-0.019	20.145	-0.150	20.181	-0.126	20.224	-0.127	20.270	-0.136
12.563	0.073	12.605	0.147	12.627	0.180	12.659	0.172	20.336	-0.087	20.375	-0.088	20.408	-0.088	20.421	-0.105
12.694	0.081	12.707	0.006	12.726	-0.085	12.746	-0.143	20.464	-0.131	20.496	-0.090	20.539	0.009	20.588	0.108
12.774	-0.159	12.806	-0.151	12.829	-0.052	12.845	0.048	20.637	0.133	20.670	0.108	20.706	0.042	20.755	0.008
12.861	0.147	12.880	0.280	12.899	0.363	12.931	0.412	20.781	0.017	20.813	0.050	20.840	0.124	20.872	0.207
12.960	0.346	12.986	0.230	13.021	0.098	13.053	0.073	20.911	0.257	20.941	0.240	20.983	0.232	21.019	0.224
13.088	0.031	13.130	0.006	13.156	0.047	13.201	0.113	21.074	0.207	21.100	0.207	21.132	0.141	21.174	0.133
13.224	0.162	13.243	0.129	13.279	-0.012	13.321	-0.120	21.190	0.174	21.242	0.240	21.277	0.282	21.325	0.282
13.350	-0.129	13.395	-0.154	13.437	-0.187	13.473	-0.196	21.370	0.274	21.415	0.274	21.467	0.282	21.508	0.274
13.511	-0.287	13.537	-0.395	13.570	-0.479	13.615	-0.487	21.547	0.282	21.595	0.257	21.624	0.231	21.669	0.206
13.648	-0.480	13.684	-0.323	13.710	-0.190	13.739	-0.116	21.704	0.197	21.739	0.155	21.775	0.130	21.813	0.105
13.765	-0.067	13.795	-0.059	13.824	-0.092	13.850	-0.200	21.855	0.104	21.903	0.070	21.945	0.070	21.989	0.086
13.880	-0.300	13.915	-0.325	13.961	-0.301	13.994	-0.268	22.031	0.069	22.050	0.011	22.089	-0.073	22.128	-0.066
14.020	-0.227	14.065	-0.170	14.105	-0.178	14.138	-0.178	22.170	-0.050	22.202	-0.051	22.251	-0.076	22.293	-0.110
14.171	-0.144	14.220	-0.061	14.256	0.005	14.286	-0.003	22.332	-0.111	22.380	-0.112	22.438	-0.105	22.474	-0.114
14.315	-0.028	14.348	-0.011	14.401	0.022	14.457	0.139	22.526	-0.115	22.581	-0.125	22.613	-0.175	22.646	-0.201
14.473	0.205	14.513	0.255	14.552	0.205	14.585	0.164	22.694	-0.177	22.733	-0.145	22.775	-0.187	22.811	-0.213
14.618	0.165	14.640	0.198	14.660	0.290	14.683	0.398	22.847	-0.231	22.879	-0.223	22.931	-0.224	22.976	-0.234
14.728	0.490	14.777	0.474	14.787	0.375	14.820	0.268	23.022	-0.251	23.086	-0.253	23.125	-0.253	23.177	-0.196
14.852	0.185	14.885	0.178	14.930	0.212	14.960	0.245	23.212	-0.196	23.244	-0.197	23.286	-0.255	23.312	-0.272
14.982	0.237	15.015	0.238	15.054	0.213	15.080	0.247	23.341	-0.215	23.383	-0.099	23.445	-0.000	23.444	-0.024
15.128	0.296	15.160	0.247	15.189	0.189	15.221	0.114	23.470	-0.001	23.512	-0.034	23.570	-0.085	23.608	-0.019
15.259	0.048	15.288	0.040	15.330	0.056	15.368	0.073	23.660	0.022	23.701	0.030	23.753	0.013	23.820	0.004
15.400	0.131	15.416	0.214	15.461	0.272	15.493	0.222	23.878	0.029	23.905	0.069	24.000	0.102	24.042	0.143
15.522	0.139	15.554	0.048	15.582	0.039	15.633	0.072	24.074	0.192	24.100	0.233	24.154	0.265	24.180	0.232
15.662	0.162	15.685	0.245	15.701	0.311	15.745	0.402	24.219	0.189	24.263	0.164	24.305	0.171	24.347	0.253

24.398	0.285	24.417	0.227	24.443	0.160	24.478	0.085	33.948	0.125	33.982	0.099	34.024	0.140	34.068	0.197
24.517	0.117	24.562	0.157	24.616	0.189	24.661	0.213	34.112	0.179	34.166	0.202	34.226	0.201	34.292	0.166
24.703	0.229	24.754	0.245	24.792	0.219	24.831	0.168	34.349	0.147	34.402	0.104	34.457	0.079	34.484	0.127
24.860	0.110	24.904	0.109	24.940	0.100	24.969	0.116	34.515	0.192	34.560	0.208	34.627	0.115	34.682	0.057
25.007	0.140	25.058	0.064	25.097	0.014	25.126	0.013	34.750	0.039	34.811	0.014	34.891	0.013	34.939	0.013
25.165	0.012	25.213	0.036	25.245	0.084	25.263	0.124	35.016	-0.014	35.081	-0.023	35.150	0.018	35.208	0.035
25.338	0.074	25.380	0.040	25.422	0.005	25.464	0.004	35.248	-0.015	35.293	-0.016	35.320	-0.082	35.339	-0.073
25.525	-0.039	25.570	-0.114	25.619	-0.165	25.655	-0.174	35.391	-0.016	35.427	-0.016	35.460	-0.049	35.503	-0.124
25.694	-0.167	25.749	-0.144	25.788	-0.211	25.811	-0.278	35.548	-0.174	35.587	-0.191	35.639	-0.208	35.685	-0.217
25.872	-0.337	25.924	-0.305	25.957	-0.240	26.005	-0.216	35.733	-0.201	35.762	-0.185	35.808	-0.194	35.834	-0.219
26.054	-0.176	26.113	-0.144	26.152	-0.103	26.217	-0.079	35.889	-0.170	35.937	-0.129	36.028	-0.122	36.080	-0.122
26.263	-0.054	26.315	-0.080	26.347	-0.146	26.377	-0.130	36.074	-0.123	36.132	-0.125	36.199	-0.094	36.241	-0.045
26.419	-0.064	26.461	0.010	26.517	0.042	26.565	0.050	36.283	-0.030	36.363	-0.032	36.363	-0.054	36.389	-0.034
26.614	0.041	26.668	-0.009	26.720	-0.059	26.771	-0.084	36.444	0.014	36.489	0.020	36.512	-0.054	36.544	-0.113
26.826	0.041	26.877	-0.101	26.938	-0.126	26.985	-0.093	36.599	-0.149	36.648	-0.118	36.704	-0.062	36.740	-0.048
27.057	-0.060	27.111	0.006	27.130	0.005	27.178	0.013	36.769	0.065	36.792	0.083	36.858	-0.061	36.890	-0.030
27.216	0.029	27.258	0.078	27.283	0.128	27.322	0.177	36.943	0.001	36.992	0.049	37.067	0.062	37.097	0.069
27.373	0.185	27.420	0.201	27.478	0.258	27.513	0.299	37.175	0.092	37.228	0.107	37.307	0.130	37.353	0.153
27.551	0.331	27.600	0.306	27.642	0.272	27.716	0.229	37.386	0.185	37.441	0.175	37.478	0.191	37.530	0.198
27.755	0.203	27.788	0.161	27.824	0.127	27.866	0.135	37.579	0.213	37.625	0.212	37.687	0.145	37.736	0.078
27.924	0.100	27.970	0.033	28.018	-0.001	28.067	-0.019	37.765	0.044	37.821	-0.019	37.844	-0.015	37.893	0.001
28.113	-0.028	28.149	-0.061	28.195	-0.103	28.251	-0.112	37.951	-0.017	38.000	-0.001	38.056	-0.002	38.118	0.005
28.307	-0.071	28.346	-0.014	28.389	0.010	28.428	-0.023	38.157	0.012	38.219	0.011	38.258	0.035	38.313	0.033
28.487	-0.040	28.556	0.008	28.609	0.049	28.648	0.074	38.378	0.015	38.421	0.006	38.479	0.004	38.528	0.003
28.687	-0.024	28.739	-0.010	28.778	-0.018	28.837	-0.044	38.570	0.002	38.609	-0.016	38.670	-0.069	38.738	-0.080
28.886	-0.085	28.932	-0.111	28.974	-0.152	29.039	-0.186	38.776	-0.081	38.847	-0.076	38.899	-0.086	38.960	-0.064
29.091	-0.220	29.140	-0.212	29.182	-0.155	29.231	-0.139	38.999	-0.049	39.047	-0.076	39.085	-0.119	39.127	-0.137
29.270	-0.164	29.315	-0.136	29.380	-0.149	29.422	-0.149	39.152	-0.129	39.203	-0.123	39.241	-0.125	39.305	-0.143
29.454	-0.150	29.513	-0.134	29.574	-0.094	29.626	-0.062	39.342	-0.153	39.368	-0.138	39.419	-0.123	39.464	-0.075
29.714	-0.031	29.743	-0.023	29.804	0.000	29.830	0.057	39.496	-0.068	39.518	-0.102	39.550	-0.103	39.588	-0.095
29.875	0.073	29.921	0.080	29.995	0.062	30.073	0.035	39.623	-0.080	39.648	-0.063	39.686	-0.039	39.725	-0.040
30.128	0.033	30.179	0.031	30.221	0.030	30.279	0.028	39.760	-0.040	39.791	-0.041	39.826	-0.042	39.884	0.024
30.321	0.084	30.373	0.116	30.424	0.123	30.460	0.121	39.941	0.056	39.979	0.072	40.020	0.080	40.074	0.079
30.492	0.120	30.528	0.119	30.553	0.110	30.595	0.142	40.119	0.102	40.154	0.110	40.196	0.109	40.247	0.083
30.644	0.149	30.699	0.180	30.747	0.178	30.795	0.202	40.292	0.115	40.334	0.115	40.372	0.130	40.414	0.129
30.863	0.232	30.908	0.198	30.950	0.172	31.018	0.169	40.462	0.095	40.500	0.070	40.529	0.069	40.583	0.109
31.070	0.159	31.099	0.134	31.138	0.099	31.190	0.056	40.615	0.108	40.659	0.131	40.707	0.105	40.748	0.079
31.220	0.046	31.253	0.053	31.295	0.068	31.344	0.116	40.780	0.061	40.818	0.060	40.875	0.050	40.926	0.064
31.373	0.123	31.409	0.056	31.439	-0.012	31.478	-0.104	40.970	0.055	41.002	0.029	41.053	0.027	41.101	-0.008
31.521	-0.147	31.566	-0.083	31.589	0.074	31.606	0.173	41.145	0.015	41.187	0.022	41.254	0.044	41.292	0.035
31.655	-0.229	31.681	0.211	31.711	0.111	31.750	-0.023	41.340	0.033	41.404	0.039	41.455	0.037	41.518	0.034
31.779	-0.132	31.822	-0.208	31.855	-0.226	31.894	-0.186	41.570	0.041	41.599	-0.073	41.637	-0.028	41.666	-0.062
31.927	-0.162	31.963	-0.122	32.006	-0.099	32.042	-0.034	41.699	-0.088	41.744	-0.073	41.799	-0.027	41.841	-0.135
32.065	-0.010	32.094	-0.019	32.126	-0.069	32.165	-0.153	41.896	-0.150	42.103	-0.095	42.141	-0.096	42.170	-0.138
32.197	-0.211	32.239	-0.270	32.271	-0.279	32.313	-0.205	42.038	-0.157	42.247	-0.158	42.276	-0.125	42.325	-0.086
32.343	-0.139	32.385	-0.073	32.417	-0.082	32.449	-0.149	42.218	-0.157	42.402	-0.072	42.492	-0.066	42.531	-0.059
32.488	-0.224	32.520	-0.308	32.556	-0.275	32.588	-0.176	42.357	-0.062	42.622	-0.029	42.661	-0.039	42.697	-0.057
32.623	-0.102	32.649	-0.085	32.681	-0.110	32.716	-0.185	42.583	-0.028	42.799	-0.035	42.841	-0.012	42.930	0.010
32.758	-0.226	32.790	-0.243	32.848	-0.185	32.902	-0.144	42.750	-0.067	42.962	0.026	43.047	0.015	43.107	0.021
32.963	-0.045	33.001	-0.020	33.043	-0.020	33.078	-0.054	42.962	0.026	43.002	0.024	43.047	0.015	43.320	0.074
33.107	-0.087	33.136	-0.087	33.174	-0.063	33.213	-0.013	43.167	0.045	43.213	0.096	43.276	0.075	43.316	0.111
33.251	0.019	33.293	0.044	33.338	0.052	33.363	0.043	43.366	0.081	43.423	0.096	43.459	0.112	43.516	0.074
33.389	0.018	33.418	-0.032	33.453	-0.082	33.485	-0.082	43.552	0.151	43.588	0.167	43.638	0.157	43.690	0.163
33.520	-0.033	33.555	0.009	33.581	0.074	33.609	0.140	43.733	0.154	43.765	0.161	43.828	0.167	43.867	0.149
33.653	0.164	33.682	0.139	33.720	0.080	33.748	0.063	43.920	0.139	43.988	0.129	44.041	0.119	44.099	0.083
33.786	0.078	33.824	0.127	33.865	0.127	33.910	0.126	44.144	0.064	44.193	0.054	44.247	0.051	44.299	0.032

44.367	0.046	44.428	0.034	44.492	0.040	44.547	0.029	56.897	0.105	56.939	0.103	56.990	0.118	57.047	0.098
44.608	0.018	44.666	-0.001	44.720	-0.011	44.746	-0.045	57.111	0.104	57.168	0.093	57.219	0.058	57.260	0.056
44.778	0.080	44.839	-0.091	44.887	-0.084	44.952	-0.079	57.301	0.062	57.339	0.060	57.397	0.050	57.425	0.015
44.971	-0.080	45.029	-0.090	45.083	-0.117	45.118	-0.119	57.473	-0.020	57.511	-0.022	57.558	-0.024	57.597	-0.042
45.176	-0.104	45.212	-0.098	45.273	-0.092	45.324	-0.102	57.635	-0.035	57.664	-0.028	57.722	-0.022	57.745	-0.031
45.382	-0.096	45.456	-0.108	45.529	-0.102	45.571	-0.112	57.790	-0.041	57.848	-0.093	57.899	-0.086	57.931	-0.079
45.600	-0.113	45.660	-0.116	45.711	-0.085	45.797	-0.055	58.002	-0.032	58.041	-0.034	58.096	-0.036	58.128	-0.031
45.898	-0.043	45.930	-0.044	45.987	-0.022	46.054	0.008	58.148	-0.046	58.184	-0.048	58.223	-0.049	58.256	-0.018
46.092	0.032	46.143	0.030	46.200	0.027	46.251	0.008	58.302	-0.020	58.331	-0.046	58.373	-0.048	58.416	-0.066
46.296	-0.002	46.337	0.025	46.375	0.052	46.436	0.091	58.462	-0.093	58.494	-0.048	58.550	-0.072	58.576	-0.065
46.474	0.089	46.506	0.055	46.550	0.044	46.586	0.051	58.612	-0.091	58.665	-0.102	58.721	-0.097	58.770	-0.108
46.657	0.097	46.696	0.119	46.755	0.141	46.813	0.121	58.809	-0.101	58.852	-0.103	58.891	-0.089	58.928	-0.082
46.888	0.101	46.949	0.097	47.031	0.093	47.073	0.107	58.967	-0.076	59.026	-0.046	59.078	-0.049	59.118	-0.051
47.109	0.089	47.189	0.053	47.225	0.077	47.292	0.066	59.166	-0.028	59.241	0.001	59.309	0.006	59.352	0.028
47.345	0.048	47.391	0.046	47.451	0.002	47.504	0.009	59.400	0.034	59.456	0.056	59.518	0.061	59.598	0.056
47.541	0.040	47.570	0.056	47.613	0.055	47.656	0.038	59.643	0.045	59.701	0.050	59.758	0.038	59.822	0.034
47.702	0.029	47.754	-0.004	47.810	-0.013	47.866	-0.014	59.877	0.038	59.915	0.061	59.963	0.066	60.040	0.044
47.918	-0.031	47.971	-0.057	48.030	-0.091	48.070	-0.100	60.104	0.049	60.158	0.053	60.234	0.072	60.294	0.077
48.108	-0.101	48.150	-0.136	48.201	-0.121	48.262	-0.073	60.396	0.086	60.437	0.075	60.497	0.095	60.542	0.084
48.314	-0.058	48.359	-0.076	48.410	-0.119	48.459	-0.129	60.599	0.072	60.659	0.068	60.713	0.073	60.764	0.061
48.536	-0.090	48.594	-0.076	48.682	-0.065	48.748	-0.069	60.818	0.050	60.853	0.031	60.907	0.003	60.954	-0.017
48.827	-0.065	48.892	-0.044	48.938	-0.047	49.016	0.007	61.018	-0.021	61.101	-0.026	61.165	-0.045	61.216	-0.048
49.065	0.021	49.121	-0.024	49.177	-0.026	49.204	0.028	61.264	-0.050	61.299	-0.051	61.363	-0.087	61.421	-0.082
49.243	-0.030	49.306	-0.016	49.336	-0.026	49.388	-0.037	61.466	-0.059	61.536	-0.046	61.568	-0.039	61.609	-0.040
49.444	-0.040	49.504	-0.001	49.561	0.045	49.612	0.052	61.651	-0.041	61.699	-0.067	61.750	-0.069	61.814	-0.054
49.690	0.057	49.742	0.063	49.791	0.077	49.862	0.116	61.900	-0.012	61.960	-0.091	62.021	-0.084	62.091	-0.102
49.911	0.147	49.966	0.136	50.002	0.110	50.057	0.108	62.139	-0.072	62.200	-0.105	62.283	-0.082	62.350	-0.051
50.141	0.128	50.212	0.092	50.261	0.064	50.325	0.061	62.427	-0.061	62.490	-0.029	62.535	-0.031	62.570	-0.032
50.354	0.051	50.451	0.047	50.545	0.050	50.606	0.014	62.636	-0.009	62.701	0.031	62.759	0.054	62.815	0.052
50.654	0.020	50.709	0.034	50.767	0.040	50.851	0.028	62.867	0.034	62.932	0.032	62.974	0.064	63.049	0.062
50.918	0.025	50.976	0.031	51.031	0.028	51.099	0.017	63.092	0.053	63.147	0.059	63.199	0.066	63.245	0.065
51.157	0.007	51.215	-0.011	51.276	-0.030	51.322	-0.031	63.278	0.056	63.350	0.054	63.409	0.052	63.480	0.050
51.383	-0.050	51.464	-0.086	51.528	-0.096	51.589	-0.098	63.523	0.056	63.569	0.080	63.607	0.078	63.669	0.067
51.657	-0.110	51.721	-0.112	51.799	-0.108	51.869	-0.111	63.730	0.039	63.801	0.036	63.869	0.041	63.917	0.064
51.924	-0.113	52.017	-0.076	52.062	-0.062	52.130	-0.032	63.959	0.062	64.001	0.051	64.027	0.050	64.056	0.024
52.197	-0.026	52.258	-0.021	52.306	-0.010	52.348	0.008	64.088	0.014	64.130	0.011	64.200	0.015	64.239	0.004
52.390	0.014	52.451	-0.005	52.489	-0.032	52.541	-0.017	64.280	-0.023	64.341	-0.027	64.399	-0.056	64.473	-0.077
52.602	-0.020	52.691	-0.014	52.736	-0.015	52.784	0.008	64.524	-0.080	64.588	-0.093	64.642	-0.087	64.729	-0.084
52.838	0.023	52.883	0.022	52.925	0.012	52.986	0.019	64.790	-0.095	64.851	-0.098	64.915	-0.101	64.992	-0.097
53.053	0.050	53.107	0.065	53.187	0.062	53.258	0.076	65.049	-0.108	65.110	-0.102	65.160	-0.104	65.239	-0.107
53.309	0.100	53.370	0.098	53.427	0.137	53.504	0.110	65.274	-0.100	65.338	-0.102	65.378	-0.088	65.470	-0.075
53.552	0.133	53.613	0.147	53.668	0.103	53.719	0.084	65.527	-0.060	65.590	-0.055	65.653	-0.058	65.723	-0.029
53.761	0.074	53.832	0.054	53.900	0.043	53.954	0.024	65.796	-0.017	65.869	-0.004	65.913	0.002	65.964	0.024
54.025	0.012	54.074	0.035	54.141	0.031	54.177	0.021	66.001	0.038	66.046	0.052	66.114	0.074	66.170	0.079
54.225	-0.006	54.264	-0.033	54.341	-0.004	54.406	0.017	66.243	0.067	66.302	0.064	66.364	0.069	66.404	0.066
54.483	0.004	54.541	0.001	54.609	-0.019	54.676	-0.031	66.480	0.062	66.532	0.076	66.592	0.090	66.668	0.079
54.727	-0.050	54.804	-0.038	54.865	-0.041	54.916	-0.052	66.741	0.067	66.804	0.065	66.880	0.078	66.933	0.076
54.965	-0.071	55.003	-0.049	55.032	-0.083	55.083	-0.086	66.996	0.098	67.069	0.065	67.152	0.091	67.219	0.063
55.144	-0.122	55.211	-0.100	55.259	-0.094	55.307	-0.088	67.283	-0.043	67.338	0.024	67.398	0.021	67.462	0.001
55.352	-0.090	55.416	-0.093	55.477	-0.071	55.531	-0.040	67.523	-0.027	67.612	-0.057	67.679	-0.061	67.743	-0.098
55.576	-0.058	55.627	-0.036	55.695	-0.021	55.762	-0.007	67.806	-0.093	67.879	-0.081	67.933	-0.092	68.000	-0.113
55.811	0.024	55.898	0.021	55.965	0.026	56.029	0.016	68.057	-0.083	68.124	-0.085	68.186	-0.088	68.221	-0.089
56.071	0.031	56.123	0.045	56.184	0.035	56.238	0.025	68.263	-0.099	68.289	-0.100	68.340	-0.094	68.405	-0.080
56.302	0.006	56.357	0.004	56.392	0.002	56.450	0.025	68.463	-0.099	68.511	-0.076	68.576	-0.071	68.631	-0.072
56.524	0.055	56.594	0.053	56.639	0.017	56.687	0.073	68.683	-0.049	68.755	-0.043	68.823	-0.086	68.910	-0.055
56.751	0.070	56.782	0.085	56.824	0.117	56.856	0.132	68.962	-0.048	69.018	-0.033	69.066	-0.018	69.159	0.011

IE079
71.092 2/9/71 0600PST L.A. WATER AND POWER BLOG. 7TH FL. SLOW

2000 POINTS 76.701 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2035 G/10.

69.210	0.010	69.252	0.033	69.306	0.064	69.361	0.062
69.412	0.068	69.476	0.091	69.508	0.098	69.607	0.086
69.654	0.084	69.696	0.082	69.756	0.080	69.813	0.085
69.896	0.082	69.940	0.072	69.978	0.070	70.026	0.068
70.067	0.066	70.093	0.073	70.141	0.071	70.170	0.069
70.231	0.074	70.259	0.056	70.314	0.028	70.365	0.051
70.436	0.022	70.490	0.044	70.561	0.040	70.606	0.037
70.671	0.025	70.759	0.005	70.824	-0.025	70.859	-0.036
70.931	-0.048	70.992	-0.060	71.044	-0.080	71.109	-0.092
71.158	-0.095	71.236	-0.099	71.294	-0.086	71.366	-0.099
71.424	-0.102	71.486	-0.106	71.554	-0.110	71.589	-0.070
71.656	-0.081	71.720	-0.095	71.768	-0.098	71.806	-0.117
71.873	-0.130	71.911	-0.107	71.984	-0.095	72.048	-0.091
72.109	-0.086	72.160	-0.081	72.230	-0.068	72.293	-0.055
72.382	-0.027	72.430	-0.029	72.478	-0.007	72.529	0.023
72.583	0.029	72.670	0.042	72.728	0.056	72.779	0.054
72.831	0.052	72.879	0.083	72.947	0.097	72.995	0.104
73.046	0.094	73.088	0.075	73.153	0.047	73.195	0.045
73.240	0.052	73.278	0.050	73.333	0.055	73.372	0.054
73.398	0.061	73.436	0.084	73.469	0.124	73.501	0.089
73.536	0.079	73.572	0.068	73.625	0.073	73.667	0.079
73.717	0.101	73.736	0.067	73.802	0.063	73.852	0.093
73.921	0.064	73.967	0.053	74.036	0.048	74.082	0.021
74.111	0.010	74.177	0.006	74.203	0.004	74.249	-0.043
74.298	-0.060	74.328	-0.062	74.377	-0.065	74.420	-0.043
74.469	-0.071	74.521	-0.074	74.577	-0.086	74.634	-0.106
74.676	-0.101	74.714	-0.087	74.778	-0.073	74.846	-0.070
74.906	-0.066	74.948	-0.069	75.012	-0.074	75.073	-0.044
75.114	-0.029	75.117	-0.055	75.136	-0.047	75.200	-0.051
75.238	-0.037	75.267	-0.038	75.327	-0.058	75.366	-0.036
75.407	0.003	75.445	-0.032	75.468	-0.042	75.509	-0.044
75.541	-0.046	75.579	-0.048	75.614	-0.033	75.643	-0.043
75.675	-0.044	75.700	-0.062	75.729	-0.080	75.761	-0.056
75.802	-0.025	75.824	0.007	75.863	0.022	75.923	0.011
75.955	0.009	76.003	0.040	76.054	0.083	76.105	0.069
76.168	0.090	76.222	0.088	76.244	0.070	76.289	0.084
76.340	0.090	76.372	0.122	76.419	0.111	76.445	0.101
76.496	0.099	76.527	0.097	76.556	0.079	76.578	0.079
0.0	-0.055	0.026	-0.162	0.036	-0.195	0.056	-0.211
0.078	-0.194	0.101	-0.144	0.124	-0.102	0.151	-0.052
0.167	-0.052	0.190	-0.043	0.200	-0.043	0.227	-0.051
0.244	-0.059	0.257	-0.075	0.284	-0.058	0.324	-0.049
0.354	-0.074	0.364	-0.073	0.390	-0.081	0.403	-0.089
0.420	-0.081	0.433	-0.072	0.457	-0.080	0.473	-0.080
0.493	-0.071	0.520	-0.046	0.543	-0.012	0.550	-0.046
0.563	-0.078	0.580	-0.103	0.640	-0.085	0.653	-0.069
0.663	-0.052	0.693	-0.034	0.709	-0.034	0.736	-0.050
0.765	-0.024	0.788	0.002	0.811	-0.031	0.854	-0.063
0.864	-0.112	0.891	-0.136	0.914	-0.127	0.943	-0.102
0.970	-0.101	0.990	-0.125	1.016	-0.108	1.036	-0.124
1.072	-0.081	1.092	-0.023	1.105	-0.055	1.132	-0.088
1.158	-0.095	1.174	-0.095	1.194	-0.070	1.210	-0.053
1.226	-0.020	1.249	0.039	1.262	0.056	1.279	0.039
1.324	0.007	1.331	-0.059	1.351	-0.117	1.370	-0.158
1.383	0.183	1.403	-0.065	1.419	-0.199	1.445	-0.190
1.481	-0.123	1.498	0.185	1.527	0.010	1.540	0.044
1.566	0.152	1.589	0.185	1.602	0.111	1.619	0.037
1.638	-0.095	1.651	-0.162	1.671	-0.211	1.687	-0.177
1.704	0.078	1.720	0.080	1.733	0.213	1.750	0.321
1.763	0.445	1.786	0.487	1.799	0.421	1.812	0.255
1.815	0.090	1.828	-0.109	1.844	-0.266	1.864	-0.373
1.890	-0.381	1.907	-0.373	1.926	-0.306	1.939	-0.140
1.952	0.026	1.959	0.117	1.985	0.126	2.005	0.060
2.018	-0.097	2.044	-0.296	2.067	-0.436	2.087	-0.668
2.096	-0.800	2.129	-0.907	2.165	-0.807	2.178	-0.624
2.191	-0.475	2.214	-0.333	2.234	-0.242	2.266	-0.224
2.299	-0.182	2.312	-0.065	2.321	0.068	2.338	0.192
2.351	0.292	2.364	0.392	2.390	0.451	2.413	0.402
2.429	0.328	2.452	0.270	2.471	0.263	2.491	0.305
2.520	0.347	2.540	0.298	2.556	0.182	2.566	0.067
2.582	-0.008	2.598	-0.057	2.631	-0.056	2.647	-0.055
2.697	0.004	2.713	0.154	2.733	0.312	2.753	0.478
2.786	0.670	2.825	0.531	2.832	0.116	2.838	-0.107
2.845	-0.264	2.858	-0.355	2.881	-0.520	2.901	-0.685
2.924	-0.784	2.940	-0.742	2.964	-0.583	2.980	-0.442
3.006	-0.367	3.029	-0.407	3.056	-0.440	3.072	-0.422
3.109	-0.413	3.132	-0.313	3.145	-0.238	3.171	-0.147
3.188	-0.014	3.211	0.086	3.225	0.078	3.238	-0.013

3.251	-0.187	3.264	-0.378	2.278	-0.510	3.288	-0.651	7.698	0.139	7.720	-0.068	7.747	-0.201	7.763	-0.276
3.304	-0.642	3.321	-0.584	3.337	-0.435	3.357	-0.302	7.776	-0.325	7.805	-0.367	7.841	-0.300	7.870	-0.226
3.377	-0.235	3.401	-0.177	3.411	-0.202	3.437	-0.268	7.906	-0.151	7.922	0.031	7.942	0.197	7.958	0.288
3.454	-0.210	3.480	-0.110	3.510	0.073	3.533	0.280	7.981	0.396	8.007	0.429	8.023	0.366	8.040	0.139
3.547	0.463	3.563	0.720	3.583	0.720	3.597	0.894	8.059	-0.160	8.076	-0.325	8.095	-0.358	8.118	-0.292
3.613	1.052	3.633	1.151	3.653	1.052	3.676	0.753	8.137	-0.143	8.154	0.031	8.183	0.163	8.196	0.097
3.689	0.430	3.705	0.256	3.734	0.148	3.744	0.090	8.213	-0.127	8.235	-0.533	8.255	-0.774	8.268	-0.956
3.780	0.014	3.796	-0.052	3.825	-0.069	3.845	-0.012	8.284	-1.031	8.314	-0.890	8.324	-0.716	8.347	-0.493
3.874	0.096	3.884	0.162	3.903	0.178	3.926	0.087	8.363	-0.468	8.379	-0.526	8.402	-0.626	8.415	-0.667
3.942	-0.079	3.965	-0.287	3.975	-0.403	3.998	-0.437	8.438	-0.676	8.464	-0.659	8.481	-0.527	8.490	-0.361
4.007	-0.362	4.024	-0.213	4.040	-0.073	4.056	0.051	8.507	-0.279	8.530	-0.130	8.559	-0.130	8.579	-0.097
4.069	0.258	4.072	0.357	4.095	0.523	4.108	0.473	8.611	-0.031	8.634	0.093	8.673	0.390	8.693	0.514
4.134	0.216	4.147	-0.050	4.166	-0.273	4.182	-0.447	8.733	0.563	8.752	0.521	8.782	0.397	8.808	0.272
4.221	-0.555	4.230	-0.613	4.253	-0.514	4.262	-0.406	8.838	0.064	8.861	-0.077	8.890	-0.144	8.923	-0.219
4.278	-0.257	4.291	-0.166	4.313	-0.249	4.336	-0.440	8.953	-0.311	8.979	-0.403	8.992	-0.403	9.018	-0.337
4.352	-0.680	4.374	-0.838	4.390	-0.888	4.409	-0.813	9.031	-0.189	9.054	0.060	9.077	0.150	9.094	0.158
4.425	-0.581	4.438	-0.391	4.457	-0.117	4.483	0.015	9.110	0.183	9.143	0.190	9.172	0.090	9.189	-0.042
4.511	0.023	4.534	0.056	4.546	0.056	4.572	0.048	9.225	-0.242	9.241	-0.408	9.257	-0.474	9.296	-0.533
4.598	0.023	4.620	-0.019	4.655	-0.168	4.658	-0.383	9.309	-0.475	9.329	-0.343	9.348	-0.178	9.378	-0.128
4.671	-0.623	4.681	-0.904	4.696	-1.169	4.719	-1.276	9.397	-0.112	9.440	-0.146	9.456	-0.204	9.498	-0.213
4.738	-1.102	4.750	-0.812	4.760	-0.422	4.776	-0.091	9.511	-0.155	9.531	-0.089	9.567	0.009	9.583	0.017
4.798	0.341	4.811	0.590	4.817	0.764	4.833	0.955	9.602	0.009	9.638	0.016	9.654	0.008	9.683	0.083
4.852	1.021	4.884	1.088	4.903	1.122	4.913	0.923	9.709	0.182	9.724	0.281	9.763	0.438	9.772	0.505
4.922	0.658	4.938	0.476	4.957	0.261	4.976	0.129	9.811	0.596	9.849	0.513	9.868	0.438	9.909	0.372
5.011	0.088	5.033	0.056	5.053	-0.035	5.065	-0.200	9.938	0.380	9.986	0.429	10.028	0.437	10.053	0.379
5.100	-0.324	5.129	-0.133	5.132	-0.000	5.154	0.216	10.088	0.280	10.114	0.172	10.149	0.081	10.177	0.081
5.164	0.390	5.173	0.514	5.196	0.656	5.208	0.590	10.205	0.106	10.243	0.173	10.274	0.215	10.309	0.215
5.237	0.201	5.259	-0.171	5.285	-0.601	5.304	-0.758	10.340	0.182	10.365	0.166	10.396	0.216	10.431	0.307
5.323	-0.957	5.342	-1.080	5.361	-1.146	5.393	-1.054	10.456	0.407	10.478	0.365	10.500	0.241	10.519	0.109
5.421	-0.924	5.453	-0.821	5.485	-0.538	5.488	-0.256	10.547	0.035	10.581	0.076	10.613	0.151	10.641	0.209
5.498	-0.190	5.523	-0.032	5.539	0.109	5.571	0.226	10.682	0.218	10.704	0.218	10.742	0.211	10.768	0.186
5.590	0.293	5.609	0.227	5.625	0.170	5.638	0.079	10.809	0.187	10.834	0.237	10.860	0.287	10.911	0.378
5.660	0.071	5.705	0.122	5.724	0.106	5.749	0.081	10.926	0.354	10.958	0.288	10.990	0.214	11.025	0.123
5.765	0.214	5.778	0.372	5.794	0.530	5.816	0.605	11.044	0.073	11.079	-0.042	11.104	-0.116	11.139	-0.182
5.832	0.481	5.855	0.233	5.868	-0.139	5.896	-0.412	11.175	-0.190	11.194	-0.140	11.223	-0.073	11.246	-0.040
5.919	-0.279	5.935	-0.096	5.947	0.062	5.973	0.104	11.272	-0.048	11.304	-0.114	11.333	-0.205	11.359	-0.287
6.072	-0.383	6.098	-0.086	6.034	-0.251	6.050	-0.358	11.385	-0.419	11.423	-0.552	11.456	-0.609	11.478	-0.634
6.178	-0.488	6.200	-0.448	6.126	-0.572	6.149	-0.547	11.514	-0.642	11.566	-0.658	11.604	-0.632	11.640	-0.524
6.277	0.119	6.293	0.343	6.213	-0.205	6.252	-0.080	11.669	-0.407	11.688	-0.341	11.710	-0.282	11.742	-0.273
6.342	0.991	6.358	1.066	6.306	0.551	6.326	0.717	11.768	-0.281	11.796	-0.314	11.832	-0.330	11.860	-0.337
6.412	0.056	6.432	-0.241	6.383	0.743	6.403	0.363	11.889	-0.362	11.921	-0.427	11.953	-0.501	11.991	-0.533
6.528	-0.413	6.547	-0.470	6.573	-0.373	6.496	-0.347	12.020	-0.508	12.046	-0.458	12.081	-0.366	12.116	-0.357
6.612	-0.204	6.628	0.070	6.644	0.261	6.599	-0.411	12.145	-0.356	12.164	-0.331	12.202	-0.298	12.227	-0.355
6.689	0.485	6.706	0.469	6.728	0.329	6.667	0.460	12.249	-0.463	12.271	-0.620	12.309	-0.694	12.344	-0.653
6.771	-0.002	6.794	-0.002	6.820	0.032	6.846	0.123	12.357	-0.528	12.369	-0.421	12.395	-0.288	12.414	-0.221
6.862	0.289	6.875	0.373	6.901	0.522	6.933	0.564	12.439	-0.254	12.458	-0.320	12.480	-0.395	12.496	-0.461
6.953	0.473	6.979	0.283	7.015	0.101	7.024	-0.056	12.518	-0.461	12.547	-0.386	12.562	-0.286	12.585	-0.195
7.044	-0.130	7.080	-0.221	7.102	-0.444	7.119	-0.502	12.600	-0.137	12.619	-0.104	12.645	-0.087	12.667	-0.121
7.125	-0.667	7.151	-0.783	7.161	-0.808	7.177	-0.791	12.696	-0.188	12.725	-0.230	12.747	-0.197	12.776	-0.074
7.191	-0.675	7.200	-0.609	7.210	-0.493	7.236	-0.443	12.802	0.034	12.827	0.083	12.866	0.065	12.898	0.056
7.259	-0.435	7.289	-0.468	7.302	-0.277	7.318	-0.073	12.939	0.097	12.958	0.196	12.974	0.270	13.016	0.327
7.331	-0.136	7.341	-0.061	7.384	0.096	7.397	0.013	13.029	0.286	13.045	0.219	13.061	0.128	13.106	0.052
7.420	-0.061	7.449	-0.086	7.479	-0.069	7.492	-0.061	13.131	0.101	13.154	0.266	13.170	0.390	13.183	0.514
7.518	-0.069	7.551	-0.061	7.567	0.039	7.492	-0.061	13.199	0.555	13.228	0.579	13.251	0.566	13.286	0.494
7.610	0.354	7.632	0.462	7.655	0.470	7.590	0.172	13.318	0.460	13.354	0.467	13.380	0.491	13.419	0.489
						7.675	0.387	13.448	0.480	13.483	0.512	13.509	0.520	13.548	0.543

13.587	0.492	13.606	0.434	13.648	0.416	13.668	0.440	20.568	0.199	20.608	0.224	20.634	0.166	20.660	0.066
13.700	0.506	13.743	0.547	13.779	0.538	13.798	0.538	20.690	-0.033	20.729	-0.100	20.765	-0.158	20.804	-0.158
13.831	0.537	13.850	0.495	13.889	0.387	13.912	0.337	20.846	-0.167	20.902	-0.175	20.918	-0.225	20.970	-0.300
13.938	0.303	13.961	0.278	13.978	0.278	14.010	0.302	20.990	-0.366	21.029	-0.399	21.052	-0.424	21.091	-0.433
14.026	0.327	14.072	0.367	14.105	0.334	14.137	0.275	21.130	-0.441	21.175	-0.441	21.220	-0.425	21.262	-0.375
14.164	0.209	14.216	0.143	14.243	0.077	14.282	0.011	21.285	-0.400	21.323	-0.408	21.362	-0.334	21.384	-0.267
14.308	-0.022	14.338	-0.014	14.371	0.003	14.414	0.012	21.404	-0.201	21.429	-0.160	21.455	-0.135	21.494	-0.102
14.440	-0.013	14.470	-0.121	14.489	-0.228	14.519	-0.295	21.542	-0.060	21.568	-0.044	21.609	-0.044	21.651	-0.068
14.539	-0.295	14.578	-0.187	14.595	-0.120	14.621	-0.062	21.680	-0.093	21.712	-0.134	21.738	-0.167	21.773	-0.200
14.657	-0.103	14.683	-0.152	14.709	-0.218	14.735	-0.284	21.818	-0.200	21.850	-0.167	21.892	-0.159	21.924	-0.158
14.771	-0.366	14.800	-0.415	14.826	-0.390	14.855	-0.381	21.965	-0.158	21.991	-0.166	22.026	-0.166	22.052	-0.133
14.891	-0.422	14.911	-0.521	14.947	-0.620	14.970	-0.645	22.081	-0.125	22.119	-0.091	22.142	-0.100	22.174	-0.158
14.989	-0.619	15.002	-0.528	15.022	-0.445	15.058	-0.378	22.219	-0.158	22.248	-0.158	22.287	-0.133	22.326	-0.067
15.080	-0.427	15.106	-0.510	15.139	-0.567	15.171	-0.551	22.368	-0.034	22.400	0.015	22.439	0.057	22.478	0.090
15.197	-0.550	15.222	-0.542	15.258	-0.550	15.283	-0.517	22.523	0.164	22.549	0.255	22.588	0.305	22.620	0.329
15.299	-0.475	15.331	-0.384	15.366	-0.474	15.399	-0.507	22.659	0.330	22.692	0.380	22.731	0.430	22.792	0.463
15.408	-0.582	15.440	-0.606	15.472	-0.614	15.504	-0.606	22.828	0.472	22.857	0.455	22.889	0.398	22.922	0.282
15.539	-0.556	15.552	-0.506	15.587	-0.373	15.603	-0.282	22.938	0.224	22.964	0.166	23.003	0.142	23.048	0.134
15.619	-0.199	15.648	-0.117	15.670	-0.092	15.705	-0.093	23.074	0.126	23.103	0.101	23.126	0.060	23.171	-0.023
15.721	-0.085	15.757	-0.119	15.779	-0.144	15.798	-0.178	23.216	-0.064	23.255	-0.022	23.274	0.036	23.319	0.102
15.833	-0.145	15.859	-0.063	15.897	-0.014	15.923	-0.010	23.339	0.078	23.381	0.036	23.410	0.003	23.439	-0.005
15.951	-0.024	15.977	-0.024	16.003	0.017	16.047	0.057	23.468	-0.021	23.493	-0.005	23.555	0.004	23.584	0.037
16.073	0.082	16.105	0.081	16.140	0.081	16.179	0.146	23.661	0.095	23.661	0.144	23.709	0.143	23.748	0.142
16.208	0.213	16.259	0.312	16.285	0.270	16.317	0.170	23.796	0.133	23.834	0.132	23.876	0.115	23.908	0.064
16.343	0.120	16.369	0.137	16.398	0.178	16.427	0.202	23.953	-0.003	23.986	-0.037	24.031	-0.071	24.066	-0.121
16.466	0.169	16.492	0.136	16.527	0.135	16.559	0.133	24.098	-0.163	24.146	-0.173	24.198	-0.216	24.223	-0.275
16.627	0.201	16.656	0.218	16.695	0.268	16.743	0.335	24.259	-0.301	24.294	-0.277	24.316	-0.278	24.374	-0.288
16.769	0.360	16.802	0.460	16.821	0.526	16.860	0.577	24.416	-0.331	24.464	-0.340	24.505	-0.284	24.557	-0.219
16.886	0.536	16.902	0.445	16.934	0.370	16.951	0.346	24.608	-0.213	24.634	-0.189	24.662	-0.156	24.701	-0.115
16.989	0.363	17.019	0.438	17.064	0.496	17.099	0.455	24.736	-0.141	24.778	-0.191	24.810	-0.200	24.839	-0.175
17.135	0.348	17.161	0.273	17.190	0.215	17.223	0.215	24.864	-0.118	24.893	-0.060	24.916	-0.011	24.951	0.046
17.265	0.215	17.291	0.207	17.317	0.141	17.353	0.050	25.015	-0.089	25.059	-0.065	25.204	-0.065	25.246	-0.082
17.398	-0.017	17.431	-0.058	17.499	-0.091	17.538	-0.116	25.114	-0.066	25.159	-0.075	25.356	-0.075	25.378	-0.076
17.587	-0.149	17.610	-0.215	17.642	-0.232	17.685	-0.282	25.288	-0.066	25.327	-0.075	25.491	-0.003	25.523	-0.020
17.734	-0.357	17.756	-0.415	17.802	-0.466	17.848	-0.449	25.414	-0.060	25.459	-0.027	25.639	0.028	25.672	0.094
17.890	-0.425	17.922	-0.425	17.965	-0.367	18.001	-0.326	25.545	-0.036	25.594	-0.029	25.639	0.028	25.672	0.094
18.020	-0.285	18.049	-0.194	18.082	-0.120	18.111	-0.087	25.720	0.134	25.743	0.158	25.766	0.150	25.795	0.149
18.144	-0.071	18.179	-0.112	18.224	-0.145	18.250	-0.162	25.818	0.148	25.866	0.147	25.905	0.146	25.935	0.170
18.282	-0.137	18.308	-0.146	18.334	-0.196	18.379	-0.262	25.986	0.194	26.012	0.218	26.055	0.192	26.081	0.167
18.405	-0.295	18.431	-0.304	18.469	-0.304	18.495	-0.321	26.133	0.166	26.159	0.190	26.204	0.190	26.243	0.181
18.521	-0.354	18.550	-0.387	18.579	-0.395	18.614	-0.362	26.286	0.156	26.312	0.147	26.374	0.139	26.413	0.122
18.640	-0.272	18.678	-0.222	18.713	-0.222	18.742	-0.297	26.442	0.113	26.471	0.047	26.501	0.013	26.546	-0.012
18.765	-0.331	18.803	-0.347	18.828	-0.356	18.867	-0.356	26.576	-0.020	26.621	-0.013	26.674	0.021	26.676	0.079
18.911	-0.365	18.943	-0.299	18.963	-0.233	18.998	-0.150	26.727	0.120	26.753	0.120	26.795	0.120	26.833	0.120
19.036	-0.101	19.081	-0.035	19.126	0.031	19.161	0.096	26.881	0.103	26.904	0.087	26.933	0.046	26.971	-0.004
19.196	0.128	19.225	0.176	19.280	0.257	19.328	0.297	27.023	-0.046	27.071	-0.021	27.109	-0.021	27.142	-0.021
19.370	0.320	19.408	0.393	19.421	0.451	19.460	0.516	27.183	-0.047	27.212	-0.056	27.253	-0.082	27.301	-0.083
19.495	0.523	19.527	0.513	19.576	0.453	19.595	0.378	27.355	-0.067	27.381	-0.068	27.416	-0.093	27.448	-0.160
19.624	0.286	19.653	0.227	19.666	0.218	19.702	0.201	27.483	-0.194	27.543	-0.195	27.607	-0.180	27.659	-0.173
19.747	0.174	19.786	0.115	19.806	0.082	19.832	0.073	27.704	-0.191	27.753	-0.193	27.818	-0.162	27.853	-0.138
19.855	0.089	19.887	0.129	19.917	0.178	19.943	0.202	27.935	-0.116	27.986	-0.101	28.032	-0.078	28.090	-0.038
19.962	0.185	19.985	0.126	20.001	0.076	20.031	0.017	28.116	-0.048	28.159	-0.082	28.195	-0.107	28.247	-0.092
20.060	-0.017	20.096	0.032	20.135	0.089	20.161	0.139	28.284	-0.076	28.339	-0.027	28.395	0.013	28.431	0.012
20.184	0.139	20.210	0.098	20.247	0.073	20.273	0.073	28.474	-0.013	28.510	-0.047	28.553	-0.032	28.599	-0.049
20.302	0.098	20.342	0.140	20.371	0.173	20.401	0.165	28.648	-0.058	28.681	-0.067	28.723	-0.058	28.775	-0.050
20.437	0.148	20.463	0.148	20.506	0.140	20.532	0.132	28.837	-0.009	28.876	0.032	28.932	0.073	28.987	0.081

29.020	0.081	29.046	0.098	29.085	0.081	29.111	0.081	37.625	-0.116	37.664	-0.100	37.700	-0.076	37.749	-0.052
29.157	0.097	29.202	0.114	29.218	0.147	29.251	0.139	37.772	-0.045	37.821	-0.054	37.850	-0.055	37.899	-0.056
29.306	0.097	29.325	0.072	29.384	0.072	29.436	0.072	37.968	-0.024	38.004	-0.016	38.043	-0.001	38.102	0.015
29.500	0.081	29.562	0.081	29.601	0.097	29.656	0.081	38.170	0.038	38.232	0.070	38.300	0.044	38.339	0.060
29.685	0.064	29.734	0.014	29.776	0.014	29.821	0.014	38.385	0.067	38.437	0.074	38.476	0.065	38.522	0.056
29.870	0.030	29.925	0.030	29.980	0.013	30.009	-0.045	38.548	0.064	38.629	0.095	38.710	0.126	38.752	0.133
30.034	-0.054	30.096	-0.062	30.145	-0.030	30.200	-0.039	38.813	0.098	38.874	0.080	38.929	0.086	38.980	0.060
30.261	-0.024	30.309	-0.025	30.351	-0.034	30.380	-0.034	39.026	0.059	39.074	0.049	39.157	0.055	39.199	0.053
30.422	-0.002	30.461	-0.011	30.496	-0.037	30.532	-0.071	39.266	0.051	39.316	0.049	39.361	0.047	39.399	0.054
30.564	-0.096	30.609	-0.097	30.648	-0.098	30.687	-0.108	39.437	0.044	39.485	0.042	39.533	0.041	39.558	0.040
30.719	-0.166	30.764	-0.168	30.800	-0.152	30.842	-0.137	39.603	0.030	39.657	0.003	39.682	-0.006	39.730	-0.033
30.871	-0.121	30.906	-0.089	30.945	-0.073	31.000	-0.075	39.758	-0.017	39.809	-0.044	39.838	-0.045	39.895	-0.080
31.022	-0.092	31.067	-0.110	31.093	-0.119	31.145	-0.104	39.924	-0.072	39.965	-0.074	40.029	-0.076	40.099	-0.087
31.184	-0.089	31.207	-0.089	31.230	-0.107	31.285	-0.125	40.153	-0.113	40.204	-0.131	40.239	-0.156	40.313	-0.150
31.318	-0.117	31.367	-0.094	31.403	-0.087	31.432	-0.088	40.361	-0.135	40.409	-0.111	40.460	-0.096	40.498	-0.088
31.452	-0.047	31.478	0.002	31.514	0.001	31.547	0.009	40.556	-0.073	40.604	-0.066	40.668	-0.068	40.725	-0.062
31.573	0.008	31.596	0.040	31.622	0.040	31.655	0.005	40.795	-0.006	40.855	0.000	40.906	-0.001	40.969	-0.003
31.668	-0.036	31.704	-0.079	31.733	-0.097	31.766	-0.065	41.020	-0.005	41.093	-0.016	41.141	-0.009	41.179	-0.009
31.812	0.017	31.845	0.090	31.864	0.131	31.917	0.179	41.227	0.006	41.313	-0.003	41.367	-0.013	41.415	-0.022
31.950	0.228	31.969	0.252	31.999	0.251	32.022	0.184	41.488	0.019	41.533	0.043	41.597	0.050	41.674	0.074
32.048	0.042	32.068	-0.050	32.100	-0.117	32.137	-0.052	41.758	0.082	41.810	0.099	41.861	0.098	41.906	0.098
32.192	0.021	32.227	0.070	32.253	0.103	32.279	0.185	41.968	0.114	42.029	0.139	42.084	0.139	42.126	0.138
32.327	0.251	32.347	0.234	32.379	0.142	32.398	0.108	42.171	0.094	42.216	0.091	42.229	0.074	42.278	0.071
32.418	0.050	32.453	0.057	32.489	0.057	32.521	0.081	42.303	0.078	42.342	0.068	42.394	0.065	42.439	0.054
32.547	0.089	32.576	0.080	32.608	0.079	32.631	0.062	42.471	0.052	42.532	0.049	42.558	0.023	42.600	-0.029
32.670	0.070	32.692	0.070	32.714	0.061	32.756	0.069	42.642	-0.057	42.681	-0.060	42.727	-0.056	42.759	-0.034
32.791	0.036	32.811	0.011	32.839	0.011	32.873	0.052	42.808	-0.029	42.864	-0.034	42.910	-0.045	42.969	-0.042
32.907	0.076	32.952	0.093	32.993	0.092	33.029	0.075	43.041	-0.056	43.100	-0.085	43.156	-0.096	43.212	-0.098
33.024	0.059	33.102	0.033	33.154	-0.000	33.182	0.025	43.285	-0.109	43.335	-0.111	43.375	-0.104	43.481	-0.051
33.227	0.041	33.253	0.066	33.291	0.032	33.317	-0.001	43.511	-0.060	43.561	-0.046	43.604	-0.039	43.670	-0.073
33.339	-0.034	33.374	-0.043	33.397	-0.034	33.435	-0.010	43.725	-0.074	43.785	-0.083	43.850	-0.084	43.890	-0.076
33.474	-0.026	33.496	-0.068	33.525	-0.101	33.573	-0.101	43.939	-0.076	44.005	-0.061	44.077	-0.053	44.136	-0.054
33.611	-0.093	33.653	-0.102	33.691	-0.127	33.738	-0.127	44.191	-0.055	44.232	-0.015	44.307	0.008	44.355	0.040
33.763	-0.111	33.798	-0.144	33.842	-0.203	33.877	-0.236	44.384	0.014	44.445	0.021	44.500	0.036	44.564	0.059
33.915	-0.212	33.953	-0.179	33.994	-0.146	34.039	-0.138	44.600	0.059	44.677	0.055	44.754	0.052	44.799	0.058
34.074	-0.089	34.111	-0.039	34.149	-0.007	34.194	-0.041	44.831	0.073	44.885	0.095	44.934	0.118	44.975	0.116
34.241	-0.100	34.269	-0.117	34.310	-0.101	34.358	-0.077	45.049	0.121	45.065	0.104	45.091	0.078	45.129	0.051
34.389	-0.078	34.440	-0.071	34.487	-0.072	34.512	-0.064	45.168	0.016	45.197	0.007	45.245	0.005	45.300	0.002
34.553	-0.081	34.613	-0.108	34.648	-0.083	34.712	-0.085	45.354	0.008	45.396	0.065	45.460	0.078	45.499	0.060
34.744	-0.085	34.793	-0.086	34.818	-0.112	34.857	-0.121	45.576	0.057	45.630	0.039	45.669	0.022	45.761	0.028
34.905	-0.097	34.950	-0.048	34.982	-0.024	35.024	-0.025	45.830	0.035	45.907	0.026	45.957	0.041	46.011	0.032
35.063	-0.018	35.121	0.072	35.173	0.113	35.208	0.105	46.053	0.023	46.122	-0.019	46.173	-0.044	46.259	-0.053
35.235	0.080	35.274	0.079	35.310	0.104	35.352	0.128	46.307	-0.061	46.364	-0.070	46.412	-0.053	46.473	-0.078
35.375	0.145	35.414	0.145	35.460	0.136	35.493	0.086	46.511	-0.095	46.575	-0.095	46.638	-0.081	46.674	-0.083
35.542	0.094	35.584	0.093	35.614	0.101	35.640	0.101	46.719	-0.093	46.785	-0.087	46.817	-0.089	46.869	-0.066
35.676	0.076	35.737	0.075	35.783	0.075	35.831	0.074	46.950	-0.061	46.995	-0.063	47.051	-0.049	47.109	-0.043
35.873	0.065	35.948	0.015	36.000	-0.003	36.058	-0.012	47.155	-0.046	47.191	-0.073	47.221	-0.067	47.291	-0.055
36.090	-0.004	36.133	0.029	36.165	0.036	36.187	0.010	47.344	-0.051	47.384	-0.054	47.443	-0.024	47.496	-0.020
36.245	-0.008	36.284	-0.018	36.339	-0.011	36.390	-0.021	47.549	-0.007	47.602	-0.010	47.652	-0.029	47.701	-0.031
36.423	-0.039	36.455	-0.023	36.487	-0.008	36.542	0.023	47.731	-0.016	47.787	-0.019	47.839	0.012	47.898	0.051
36.590	0.014	36.635	-0.038	36.684	-0.081	36.730	-0.091	47.974	0.072	48.040	0.078	48.095	0.075	48.141	0.082
36.789	-0.084	36.818	-0.093	36.848	-0.109	36.890	-0.121	48.177	0.074	48.206	0.107	48.235	0.115	48.286	0.106
36.949	-0.106	36.985	-0.099	37.031	-0.109	37.087	-0.135	48.331	0.106	48.389	0.080	48.450	0.088	48.489	0.071
37.119	-0.137	37.155	-0.138	37.198	-0.130	37.257	-0.107	48.553	0.062	48.608	0.062	48.669	0.070	48.731	0.070
37.284	-0.083	37.336	-0.076	37.379	-0.077	37.428	-0.103	48.803	0.061	48.856	0.061	48.905	0.036	48.957	0.036
37.444	-0.136	37.481	-0.121	37.536	-0.081	37.572	-0.107	49.020	0.060	49.072	0.035	49.095	0.035	49.144	0.026

49.183	0.033	49.223	0.031	49.269	0.030	49.312	0.028	61.374	0.075	61.442	0.089	61.499	0.053	61.557	0.050
49.361	0.019	49.427	0.025	49.473	0.023	49.520	-0.003	61.605	0.056	61.646	0.055	61.685	0.012	61.742	0.010
49.566	-0.013	49.622	-0.024	49.694	-0.018	49.739	-0.020	61.822	0.008	61.882	-0.002	61.935	-0.004	62.026	0.002
49.801	-0.031	49.843	-0.058	49.915	-0.061	49.967	-0.038	62.118	-0.009	62.205	-0.020	62.256	-0.013	62.316	-0.006
50.028	-0.049	50.087	-0.043	50.139	-0.078	50.178	-0.062	62.409	-0.009	62.489	-0.003	62.553	-0.005	62.607	0.010
50.226	-0.080	50.255	-0.040	50.323	-0.033	50.368	-0.027	62.672	0.016	62.734	0.038	62.789	0.052	62.864	0.041
50.426	-0.012	50.478	-0.005	50.533	0.010	50.600	0.016	62.922	0.030	62.991	0.036	63.056	0.033	63.111	0.031
50.639	0.048	50.687	0.063	50.720	0.071	50.758	0.061	63.164	0.028	63.222	0.025	63.284	0.022	63.343	0.027
50.832	0.042	50.877	0.032	50.935	0.030	50.951	0.021	63.401	0.040	63.451	0.071	63.490	0.094	63.530	0.100
51.009	0.028	51.048	0.035	51.096	0.066	51.148	0.056	63.601	0.096	63.660	0.127	63.721	0.126	63.760	0.133
51.229	0.060	51.274	0.058	51.345	0.055	51.413	0.052	63.841	0.156	63.899	0.163	63.967	0.161	64.031	0.159
51.442	0.051	51.497	0.049	51.549	0.071	51.587	0.078	64.079	0.150	64.157	0.149	64.202	0.124	64.266	0.108
51.639	0.109	51.697	0.107	51.755	0.096	51.832	0.110	64.323	0.074	64.394	0.058	64.436	0.083	64.506	0.066
51.903	0.124	51.970	0.097	52.051	0.061	52.112	0.050	64.541	0.083	64.583	0.083	64.644	0.081	64.711	0.053
52.163	0.032	52.231	0.022	52.295	0.012	52.369	-0.006	64.785	0.058	64.849	0.047	64.916	0.035	64.993	0.007
52.449	-0.025	52.513	-0.018	52.571	-0.045	52.625	-0.038	65.051	0.021	65.109	0.026	65.207	0.010	65.315	0.001
52.667	-0.038	52.728	-0.056	52.786	-0.058	52.840	-0.034	65.384	-0.021	65.450	-0.010	65.510	-0.040	65.586	-0.038
52.904	-0.060	53.013	-0.062	53.074	-0.039	53.122	-0.040	65.691	-0.051	65.751	-0.030	65.795	-0.015	65.868	0.014
53.166	-0.058	53.230	-0.035	53.291	-0.037	53.330	-0.01	65.941	0.003	66.007	0.008	66.070	0.038	66.143	0.034
53.394	-0.023	53.435	-0.041	53.506	-0.026	53.570	-0.020	66.209	0.041	66.301	0.084	66.370	0.062	66.463	0.060
53.621	-0.013	53.679	0.010	53.749	0.007	53.791	0.014	66.568	0.090	66.621	0.089	66.680	0.077	66.733	0.074
53.862	0.003	53.920	0.010	53.975	0.024	54.020	0.039	66.803	0.112	66.899	0.098	66.952	0.103	66.988	0.093
54.088	0.037	54.149	0.060	54.204	0.067	54.258	0.065	67.104	0.119	67.170	0.123	67.205	0.112	67.269	0.108
54.333	0.088	54.381	0.087	54.423	0.094	54.487	0.117	67.317	0.112	67.384	0.107	67.451	0.094	67.509	0.081
54.539	0.115	54.568	0.114	54.642	0.111	54.703	0.149	67.557	0.086	67.624	0.072	67.678	0.069	67.716	0.042
54.745	0.147	54.796	0.137	54.860	0.133	54.937	0.105	67.776	0.047	67.830	0.044	67.907	0.032	67.932	0.039
54.998	0.085	55.053	0.066	55.085	0.081	55.165	0.086	67.989	0.036	68.030	0.033	68.069	0.031	68.107	0.021
55.181	0.085	55.245	0.074	55.322	0.071	55.395	0.076	68.132	0.020	68.209	0.027	68.248	0.018	68.283	0.017
55.434	0.066	55.478	0.039	55.539	0.028	55.600	0.025	68.331	-0.009	68.393	-0.010	68.442	-0.011	68.496	0.004
55.674	0.015	55.732	0.030	55.783	0.037	55.838	0.003	68.548	0.003	68.619	0.010	68.661	-0.007	68.723	0.008
55.886	0.001	55.921	0.017	55.979	-0.001	56.050	-0.011	68.788	-0.002	68.853	0.005	68.908	0.004	68.947	0.003
56.101	-0.021	56.146	-0.022	56.214	-0.040	56.278	-0.050	68.989	0.002	69.005	0.002	69.047	0.001	69.106	0.025
56.336	-0.051	56.400	-0.061	56.464	-0.055	56.516	-0.048	69.158	0.031	69.196	0.038	69.241	0.036	69.282	0.027
56.567	-0.032	56.615	-0.000	56.657	0.015	56.698	0.023	69.343	0.033	69.439	0.029	69.529	0.026	69.634	0.055
56.749	0.013	56.794	0.012	56.839	0.036	56.896	0.060	69.701	0.070	69.758	0.069	69.819	0.083	69.879	0.082
56.931	0.034	56.976	0.009	57.027	0.024	57.081	0.073	69.933	0.105	69.987	0.070	70.019	0.078	70.088	0.076
57.135	0.071	57.183	0.070	57.230	0.059	57.265	0.093	70.165	0.098	70.222	0.079	70.277	0.101	70.328	0.098
57.297	0.109	57.354	0.124	57.421	0.122	57.481	0.104	70.389	0.095	70.447	0.092	70.485	0.115	70.546	0.087
57.525	0.094	57.592	0.093	57.666	0.090	57.714	0.112	70.581	0.102	70.636	0.100	70.717	0.104	70.788	0.092
57.752	0.111	57.791	0.117	57.823	0.107	57.859	0.106	70.853	0.105	70.922	0.102	70.983	0.123	71.051	0.095
57.923	0.128	57.978	0.133	58.023	0.140	58.061	0.138	71.113	0.092	71.172	0.090	71.210	0.081	71.246	0.081
58.132	0.093	58.177	0.090	58.236	0.086	58.318	0.073	71.308	0.055	71.379	0.054	71.428	0.053	71.490	0.044
58.360	0.062	58.400	0.043	58.452	0.040	58.491	0.038	71.561	0.034	71.607	0.042	71.690	0.072	71.738	0.044
58.573	0.041	58.612	0.030	58.674	0.002	58.701	0.000	71.805	0.074	71.865	0.055	71.894	0.070	71.945	0.068
58.733	-0.001	58.793	-0.005	58.871	-0.009	58.934	-0.004	71.999	0.082	72.060	0.062	72.107	0.077	72.171	0.056
58.976	-0.023	59.009	-0.017	59.072	-0.029	59.137	-0.016	72.206	0.078	72.286	0.047	72.321	0.044	72.375	0.048
59.225	-0.029	59.274	-0.007	59.352	-0.011	59.398	-0.030	72.435	0.052	72.480	0.065	72.544	0.060	72.595	0.048
59.469	-0.034	59.511	-0.052	59.573	-0.048	59.645	-0.052	72.668	0.077	72.745	0.073	72.813	0.052	72.864	0.066
59.696	-0.056	59.741	-0.059	59.792	-0.037	59.882	-0.011	72.916	0.062	72.942	0.061	72.999	0.058	73.067	0.062
59.923	-0.014	59.984	0.015	60.048	0.027	60.090	0.041	73.118	0.042	73.192	0.045	73.254	0.033	73.312	0.037
60.141	0.062	60.192	0.075	60.230	0.072	60.284	0.084	73.392	0.048	73.454	0.060	73.505	0.040	73.550	0.028
60.353	0.078	60.430	0.081	60.474	0.086	60.531	0.089	73.621	0.024	73.729	0.016	73.769	0.030	73.894	0.038
60.601	0.100	60.633	0.081	60.674	0.071	60.728	0.059	73.976	0.033	74.052	0.027	74.137	0.038	74.203	0.020
60.779	0.096	60.823	0.093	60.874	0.089	60.925	0.052	74.328	0.008	74.383	0.015	74.432	0.038	74.514	0.044
60.963	0.058	61.014	0.071	61.074	0.099	61.106	0.081	74.580	0.051	74.636	0.066	74.697	0.064	74.761	0.062
61.154	0.086	61.221	0.083	61.272	0.072	61.336	0.069	74.799	0.060	74.847	0.059	74.902	0.065	74.962	0.088

IE079

71.092 2/9/71 0600PST L.A. WATER AND POWER BLDG. 7TH FL. DOWN

75.004 0.087 75.058 0.093 75.113 0.108 75.161 0.105
 75.205 0.086 75.247 0.083 75.282 0.081 75.326 0.112
 75.377 0.100 75.403 0.099 75.428 0.105 75.473 0.094
 75.501 0.125 75.530 0.132 75.575 0.129 75.594 0.120
 75.616 0.093 75.651 0.092 75.696 0.123 75.715 0.123
 75.747 0.105 75.782 0.079 75.820 0.086 75.858 0.076
 75.884 0.100 75.919 0.107 75.957 0.072 75.998 0.071
 76.049 0.077 76.091 0.100 76.119 0.091 76.151 0.073
 76.202 0.088 76.253 0.087 76.278 0.069 76.320 0.068
 76.364 0.058 76.386 0.057 76.418 0.056 76.466 0.055
 76.514 0.053 76.542 0.052 76.568 0.052 76.609 0.042
 76.634 0.058 76.665 0.049 76.681 0.040 76.701 0.056

2200 POINTS 76.607 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
 AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
 AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
 WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
 IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1250 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.168	0.007	-0.035	0.039	-0.035	0.049	0.089
0.059	0.280	0.069	0.288	0.072	0.396	0.085	0.263
0.115	-0.002	0.118	-0.242	0.142	-0.358	0.162	-0.267
0.165	-0.201	0.178	-0.135	0.192	-0.168	0.215	-0.242
0.228	-0.118	0.245	0.039	0.268	0.263	0.288	0.462
0.305	0.520	0.321	0.429	0.348	0.346	0.361	0.089
0.375	-0.118	0.385	-0.300	0.391	-0.433	0.415	-0.524
0.421	-0.383	0.428	-0.234	0.448	-0.027	0.488	-0.135
0.494	-0.292	0.498	-0.400	0.508	-0.276	0.511	-0.110
0.518	0.122	0.538	0.263	0.554	0.164	0.584	-0.052
0.594	-0.134	0.617	0.040	0.627	0.173	0.640	0.066
0.657	-0.133	0.673	-0.033	0.683	0.100	0.703	0.299
0.733	0.465	0.736	0.366	0.753	0.292	0.786	0.276
0.789	0.060	0.799	-0.163	0.805	-0.378	0.825	-0.544
0.845	-0.461	0.852	-0.295	0.871	-0.195	0.878	-0.261
0.898	-0.327	0.924	-0.177	0.931	-0.094	0.937	0.038
0.974	0.230	0.984	0.139	1.007	0.007	1.023	-0.200
1.033	-0.424	1.053	-0.547	1.069	-0.398	1.083	-0.174
1.106	-0.065	1.138	-0.056	1.148	0.169	1.158	0.269
1.181	0.502	1.200	0.395	1.210	0.230	1.236	0.082
1.259	0.050	1.272	-0.082	1.289	-0.214	1.302	-0.346
1.318	-0.246	1.331	-0.087	1.341	0.012	1.380	0.114
1.403	0.189	1.419	0.290	1.445	0.216	1.472	0.251
1.481	0.119	1.494	-0.071	1.498	-0.262	1.511	-0.485
1.524	-0.500	1.547	-0.342	1.553	-0.101	1.566	0.090
1.586	0.232	1.602	0.075	1.628	-0.016	1.648	0.101
1.671	0.192	1.681	0.052	1.691	-0.139	1.704	-0.337
1.717	-0.478	1.733	-0.303	1.753	-0.145	1.772	-0.120
1.799	-0.028	1.812	0.072	1.841	0.172	1.854	0.064
1.874	-0.093	1.894	0.032	1.903	-0.100	1.913	-0.257
1.926	-0.357	1.943	-0.389	1.956	-0.265	1.972	-0.123
1.992	0.026	2.011	-0.023	2.031	-0.105	2.047	-0.155
2.061	-0.105	2.083	-0.079	2.110	-0.096	2.116	-0.129
2.139	0.028	2.145	0.177	2.155	0.268	2.178	0.135
2.191	-0.056	2.201	-0.156	2.227	-0.206	2.243	-0.156
2.256	-0.066	2.266	0.001	2.279	-0.124	2.292	-0.298
2.308	-0.183	2.318	-0.075	2.331	0.007	2.347	0.040
2.390	-0.002	2.399	0.056	2.419	0.130	2.435	0.038
2.455	-0.037	2.474	0.079	2.481	0.170	2.507	0.252
2.517	0.136	2.530	0.003	2.556	0.127	2.562	0.168

2.579	0.085	2.595	-0.139	2.608	-0.404	2.611	-0.595	6.280	0.111	6.312	0.003	6.315	-0.130	6.331	-0.163
2.631	-0.628	2.648	-0.455	2.664	-0.297	2.684	-0.066	6.354	-0.047	6.376	0.135	6.392	0.293	6.408	0.433
2.700	0.124	2.730	0.124	2.750	0.298	2.756	0.430	6.428	0.400	6.453	0.408	6.469	0.466	6.489	0.491
2.779	0.670	2.806	0.396	2.816	0.164	2.855	-0.135	6.508	0.358	6.518	0.201	6.530	-0.039	6.543	-0.230
2.859	-0.301	2.875	-0.434	2.888	-0.575	2.915	-0.774	6.553	-0.520	6.563	-0.711	6.585	-0.910	6.624	-0.777
2.928	-0.509	2.948	-0.269	2.961	-0.004	2.974	0.228	6.627	-0.562	6.637	-0.313	6.660	-0.049	6.673	0.167
2.990	0.327	3.013	0.244	3.027	0.111	3.043	-0.171	6.692	0.225	6.718	0.133	6.738	-0.107	6.741	-0.339
3.060	-0.263	3.096	-0.271	3.112	-0.221	3.146	-0.155	6.764	-0.604	6.800	-0.795	6.829	-0.729	6.845	-0.738
3.162	-0.146	3.186	-0.138	3.206	-0.013	3.222	0.128	6.878	-0.539	6.884	-0.423	6.897	-0.316	6.910	-0.167
3.229	0.310	3.249	0.518	3.272	0.394	3.282	0.021	6.936	-0.026	6.949	0.123	6.972	0.289	6.985	0.396
3.295	-0.277	3.305	-0.526	3.332	-0.674	3.358	-0.459	6.998	0.255	7.005	0.098	7.018	-0.051	7.053	-0.176
3.365	-0.210	3.375	0.030	3.388	-0.221	3.412	0.346	7.076	-0.176	7.109	-0.135	7.128	-0.151	7.148	-0.051
3.431	0.280	3.458	0.139	3.471	-0.101	3.491	-0.391	7.168	0.065	7.191	0.206	7.207	0.339	7.227	0.455
3.495	-0.606	3.508	-0.730	3.521	-0.639	3.538	-0.597	7.250	0.554	7.266	0.331	7.276	0.099	7.292	-0.174
3.564	-0.589	3.584	-0.431	3.604	-0.041	3.614	0.232	7.305	-0.531	7.338	-0.754	7.354	-0.663	7.381	-0.588
3.627	0.290	3.640	0.431	3.666	0.556	3.679	0.473	7.410	-0.538	7.436	-0.422	7.449	-0.140	7.462	0.134
3.692	0.416	3.698	0.474	3.718	0.515	3.734	0.358	7.482	0.291	7.498	0.482	7.521	0.623	7.534	0.432
3.740	0.134	3.747	-0.081	3.766	-0.271	3.783	-0.453	7.544	0.267	7.561	0.043	7.570	-0.131	7.603	-0.354
3.809	-0.262	3.822	-0.105	3.835	-0.063	3.867	-0.030	7.632	-0.197	7.655	-0.007	7.681	0.167	7.697	0.300
3.877	-0.071	3.890	-0.112	3.909	0.103	3.916	0.269	7.724	0.200	7.750	0.059	7.763	-0.040	7.808	-0.198
3.926	0.402	3.949	0.601	3.975	0.502	4.004	0.212	7.821	0.067	7.844	0.258	7.854	0.133	7.870	-0.049
4.062	-0.756	4.072	-0.607	4.085	-0.458	4.098	-0.209	7.890	-0.281	7.925	-0.314	7.939	-0.397	7.955	-0.505
4.120	-0.093	4.133	-0.060	4.168	-0.093	4.171	0.032	7.981	-0.629	7.994	0.687	8.035	-0.671	8.056	-0.381
4.184	0.198	4.194	0.322	4.210	0.455	4.222	0.372	8.062	-0.033	8.075	0.166	8.095	0.307	8.101	0.390
4.235	0.223	4.258	-0.026	4.277	0.091	4.299	0.190	8.115	0.324	8.150	0.233	8.160	0.308	8.177	0.457
4.312	0.124	4.325	-0.058	4.341	-0.365	4.350	-0.555	8.216	0.623	8.226	0.399	8.229	0.168	8.245	0.002
4.363	-0.638	4.382	-0.687	4.401	-0.521	4.411	-0.298	8.271	-0.155	8.291	-0.105	8.304	0.019	8.320	0.111
4.424	-0.008	4.443	0.142	4.456	0.233	4.478	0.308	8.337	0.268	8.353	0.401	8.369	0.459	8.382	0.335
4.500	0.333	4.526	0.416	4.532	0.474	4.542	0.325	8.422	0.220	8.451	-0.293	8.461	0.104	8.474	-0.028
4.568	-0.023	4.577	-0.255	4.593	-0.487	4.609	-0.619	8.494	-0.227	8.526	-0.293	8.546	-0.218	8.572	-0.085
4.644	-0.436	4.650	-0.055	4.657	0.243	4.669	0.401	8.602	-0.026	8.618	0.065	8.651	0.165	8.661	0.265
4.682	0.302	4.698	0.202	4.717	0.302	4.742	0.335	8.674	0.306	8.690	0.298	8.730	0.274	8.753	0.209
4.762	0.195	4.774	0.021	4.800	-0.236	4.809	-0.559	8.759	0.109	8.779	-0.023	8.799	-0.077	8.815	0.202
4.812	-0.691	4.828	-0.790	4.847	-0.583	4.860	-0.392	8.831	0.078	8.851	0.012	8.868	-0.038	8.894	-0.145
4.870	-0.160	4.889	0.130	4.898	0.080	4.921	-0.019	8.913	-0.028	8.943	0.055	8.956	0.014	8.986	-0.002
4.936	0.164	4.946	0.313	4.978	0.512	4.987	0.347	9.005	0.073	9.019	0.140	9.120	-0.099	9.051	0.215
5.000	0.140	5.013	-0.084	5.025	-0.324	5.035	-0.374	9.068	0.174	9.088	0.066	9.224	-0.254	9.146	-0.222
5.048	-0.241	5.057	-0.116	5.089	0.008	5.124	0.042	9.166	-0.255	9.189	-0.246	9.303	0.245	9.247	-0.253
5.140	0.150	5.156	0.241	5.172	0.349	5.191	0.441	9.276	-0.071	9.286	0.087	9.407	0.280	9.329	0.378
5.213	0.350	5.216	0.201	5.219	0.077	5.229	-0.056	9.355	0.370	9.381	0.346	9.495	-0.049	9.436	0.190
5.248	-0.180	5.267	-0.105	5.277	-0.055	5.293	0.028	9.459	0.115	9.469	0.025	9.586	0.317	9.514	0.001
5.308	0.004	5.324	-0.079	5.340	0.037	5.353	0.153	9.534	0.109	9.547	0.192	9.666	-0.105	9.599	0.226
5.372	0.319	5.391	0.287	5.407	0.412	5.417	0.121	9.618	0.143	9.637	0.028	9.780	-0.269	9.688	-0.212
5.439	0.055	5.452	0.197	5.474	0.187	5.499	0.587	9.704	-0.295	9.755	-0.352	9.806	-0.136	9.806	-0.136
5.512	0.380	5.521	0.189	5.534	-0.067	5.550	-0.191	9.816	-0.670	9.835	-0.069	9.879	-0.085	9.905	-0.135
5.572	-0.050	5.595	-0.182	5.611	0.058	5.620	-0.182	9.943	-0.217	9.959	-0.258	9.981	-0.275	10.020	-0.200
5.623	-0.339	5.636	-0.504	5.652	-0.578	5.671	-0.412	10.036	-0.034	10.048	0.091	10.061	0.223	10.093	0.257
5.681	-0.246	5.697	-0.064	5.722	0.070	5.742	0.128	10.127	0.232	10.159	0.232	10.187	0.165	10.193	0.099
5.767	0.154	5.793	0.187	5.825	0.196	5.837	0.222	10.212	0.024	10.228	-0.042	10.262	-0.100	10.303	-0.164
5.853	0.288	5.866	0.181	5.879	0.049	5.889	-0.117	10.353	-0.051	10.391	-0.068	10.413	0.032	10.425	0.100
5.905	-0.307	5.917	-0.315	5.953	-0.240	5.959	0.032	10.441	0.313	10.466	0.421	10.497	0.297	10.547	0.164
5.968	0.134	5.981	0.358	6.007	0.557	6.039	0.442	10.576	-0.077	10.588	-0.209	10.636	-0.334	10.655	-0.259
6.063	0.302	6.083	0.128	6.103	-0.046	6.135	-0.361	10.687	-0.184	10.737	-0.135	10.788	-0.077	10.826	-0.044
6.145	-0.527	6.174	-0.626	6.193	-0.568	6.202	-0.444	10.855	-0.044	10.880	-0.085	10.912	-0.102	10.972	-0.068
6.212	-0.262	6.222	-0.129	6.235	0.036	6.254	0.094	11.023	-0.052	11.052	-0.035	11.096	-0.035	11.142	-0.036
								11.161	-0.069	11.197	-0.037	11.222	-0.029	11.248	-0.037

11.264	-0.037	11.300	-0.013	11.326	0.045	11.352	0.119	18.253	-0.077	18.288	-0.011	18.320	-0.069	18.346	-0.111
11.394	-0.209	11.420	0.151	11.455	0.084	11.478	0.084	18.404	-0.162	18.430	-0.195	18.462	-0.137	18.494	-0.063
11.510	-0.007	11.529	-0.082	11.565	-0.157	11.600	-0.083	18.533	-0.006	18.568	-0.064	18.607	-0.106	18.635	-0.131
11.623	-0.001	11.648	-0.051	11.667	-0.076	11.699	-0.027	18.680	-0.140	18.706	-0.099	18.734	-0.000	18.760	0.116
11.725	-0.011	11.738	-0.103	11.760	-0.153	11.789	-0.253	18.789	-0.165	18.811	-0.132	18.846	0.065	18.885	0.023
11.814	-0.229	11.827	-0.130	11.849	-0.031	11.888	-0.056	18.917	-0.036	18.948	-0.044	18.980	-0.003	19.006	0.063
11.904	-0.090	11.929	-0.032	11.958	0.017	11.987	-0.025	19.028	0.129	19.054	0.120	19.083	0.062	19.108	-0.013
12.022	-0.117	12.032	-0.117	12.067	0.085	12.092	-0.077	19.144	-0.072	19.179	-0.097	19.202	-0.114	19.231	-0.057
12.124	-0.127	12.149	-0.077	12.171	-0.053	12.193	-0.061	19.260	0.001	19.288	0.025	19.324	0.016	19.366	-0.009
12.225	-0.078	12.260	-0.037	12.288	0.013	12.320	0.037	19.404	-0.060	19.440	-0.077	19.478	-0.044	19.514	-0.003
12.361	0.045	12.399	0.037	12.434	0.028	12.437	0.080	19.542	-0.021	19.568	-0.066	19.633	-0.064	19.675	-0.089
12.450	-0.146	12.485	-0.221	12.507	-0.122	12.526	0.011	19.724	-0.049	19.767	0.041	19.825	0.081	19.864	0.064
12.554	0.102	12.586	0.077	12.608	0.069	12.621	0.102	19.894	0.005	19.926	0.020	19.982	0.045	20.024	0.061
12.643	0.144	12.659	0.045	12.679	-0.038	12.704	-0.120	20.073	0.068	20.102	0.018	20.152	-0.007	20.207	-0.024
12.733	-0.194	12.749	-0.128	12.765	-0.061	12.787	0.080	20.247	-0.024	20.313	0.058	20.349	0.066	20.391	0.016
12.823	0.155	12.861	0.164	12.890	0.181	12.925	0.174	20.447	-0.015	20.483	-0.010	20.500	-0.060	20.533	-0.035
12.947	0.100	12.973	0.017	13.008	-0.032	13.034	-0.048	20.588	0.014	20.650	-0.003	20.693	-0.028	20.771	-0.028
13.079	-0.023	13.101	0.035	13.130	0.085	13.169	0.085	20.800	-0.003	20.866	-0.003	20.924	-0.062	21.019	-0.070
13.205	0.085	13.243	0.044	13.272	-0.014	13.314	-0.072	21.045	-0.054	21.110	-0.063	21.152	-0.072	21.213	0.065
13.356	-0.014	13.386	0.068	13.411	0.126	13.463	0.176	21.255	-0.107	21.316	-0.141	21.367	-0.167	21.428	-0.151
13.495	0.085	13.515	-0.014	13.544	-0.097	13.567	-0.164	21.489	-0.144	21.528	-0.180	21.576	-0.104	21.618	-0.046
13.609	-0.256	13.635	-0.207	13.661	-0.133	13.707	-0.101	21.685	-0.055	21.737	-0.080	21.775	-0.096	21.829	-0.072
13.733	-0.126	13.775	-0.161	13.818	-0.129	13.857	-0.130	21.858	-0.014	21.906	-0.019	21.974	0.069	22.015	0.019
13.906	-0.089	13.942	-0.016	13.968	0.033	14.026	-0.001	22.060	-0.006	22.109	-0.015	22.147	-0.026	22.186	-0.017
14.085	0.006	14.144	0.008	14.220	0.009	14.273	0.002	22.228	-0.017	22.270	-0.016	22.303	-0.042	22.345	-0.043
14.335	0.028	14.368	0.012	14.401	-0.004	14.444	-0.044	22.384	0.023	22.413	0.039	22.452	0.055	22.487	0.038
14.493	-0.051	14.536	-0.017	14.579	0.050	14.601	-0.016	22.523	-0.020	22.552	-0.012	22.588	-0.055	22.620	-0.082
14.614	-0.082	14.634	-0.148	14.676	-0.123	14.719	-0.098	22.659	-0.017	22.694	-0.014	22.737	-0.004	22.772	-0.023
14.754	-0.081	14.787	-0.030	14.826	-0.022	14.862	-0.013	22.808	-0.033	22.863	-0.085	22.912	-0.030	22.928	-0.072
14.891	-0.046	14.927	-0.136	14.963	-0.094	15.018	-0.077	22.976	-0.033	23.015	-0.015	23.051	-0.021	23.080	-0.012
15.054	-0.085	15.119	-0.070	15.151	-0.088	15.199	-0.032	23.138	0.053	23.177	0.011	23.203	-0.039	23.241	-0.064
15.211	0.059	15.250	0.074	15.285	0.082	15.304	0.114	23.277	-0.073	23.325	-0.007	23.367	0.042	23.393	0.083
15.323	0.047	15.363	-0.036	15.381	-0.096	15.403	-0.121	23.461	-0.082	23.486	-0.032	23.521	-0.018	23.570	-0.077
15.445	-0.056	15.464	-0.024	15.490	0.067	15.522	0.057	23.621	-0.083	23.679	-0.073	23.727	-0.072	23.779	-0.037
15.554	-0.002	15.586	-0.060	15.621	-0.109	15.675	-0.175	23.814	-0.069	23.866	-0.067	23.923	-0.073	23.969	-0.031
15.704	-0.108	15.752	-0.058	15.787	-0.016	15.819	0.068	24.001	-0.013	24.046	-0.036	24.075	-0.093	24.113	-0.059
15.854	0.101	15.905	0.102	15.937	0.053	15.976	0.103	24.132	-0.001	24.193	-0.025	24.225	-0.016	24.257	-0.065
16.004	0.128	16.043	0.145	16.056	0.112	16.072	0.054	24.299	-0.081	24.341	-0.097	24.386	-0.022	24.408	0.028
16.091	-0.028	16.110	-0.144	16.129	-0.226	16.162	-0.259	24.456	0.037	24.482	0.013	24.514	-0.061	24.559	-0.118
16.191	-0.184	16.213	-0.100	16.233	0.016	16.278	0.175	24.600	-0.102	24.648	-0.020	24.680	0.012	24.719	0.003
16.304	0.117	16.329	0.076	16.352	-0.048	16.375	-0.155	24.737	-0.023	24.789	-0.056	24.831	-0.057	24.870	0.008
16.400	-0.229	16.429	-0.245	16.452	-0.178	16.481	-0.095	24.895	0.024	24.934	0.007	24.985	-0.002	25.033	-0.012
16.504	-0.003	16.536	0.072	16.568	0.113	16.588	0.055	25.068	-0.004	25.110	-0.035	25.145	0.083	25.181	0.056
16.604	-0.028	16.626	-0.112	16.659	-0.154	16.694	-0.081	25.220	-0.004	25.265	-0.073	25.297	-0.075	25.329	-0.052
16.723	-0.024	16.749	0.075	16.775	0.141	16.817	0.081	25.368	-0.021	25.410	-0.048	25.474	0.007	25.493	-0.019
16.840	-0.019	16.871	-0.094	16.911	-0.120	16.931	-0.030	25.535	-0.022	25.580	0.001	25.603	0.000	25.645	-0.026
16.956	0.044	16.982	0.126	17.015	0.200	17.047	0.116	25.700	-0.029	25.730	-0.005	25.772	0.026	25.824	0.024
17.063	0.066	17.089	-0.025	17.118	-0.125	17.154	-0.158	25.866	0.031	25.902	0.013	25.950	-0.006	25.989	-0.066
17.190	-0.109	17.213	0.007	17.235	0.156	17.268	0.230	26.035	-0.067	26.093	-0.068	26.132	-0.059	26.178	-0.050
17.307	0.205	17.336	0.072	17.356	-0.035	17.401	-0.152	26.240	-0.032	26.276	-0.023	26.318	0.027	26.347	0.028
17.431	-0.127	17.483	-0.036	17.492	0.088	17.538	0.170	26.386	-0.038	26.422	-0.046	26.448	-0.070	26.500	-0.028
17.557	0.104	17.583	0.004	17.610	-0.062	17.675	-0.103	26.539	-0.006	26.585	-0.010	26.627	-0.050	26.681	-0.056
17.714	-0.102	17.766	-0.036	17.798	0.064	17.821	0.023	26.710	-0.030	26.755	-0.003	26.816	-0.057	26.848	0.066
17.838	-0.035	17.877	-0.126	17.922	-0.101	17.958	-0.125	26.874	0.034	26.900	-0.006	26.951	-0.062	26.993	-0.069
17.991	-0.092	18.017	-0.059	18.056	-0.033	18.079	-0.108	27.028	-0.051	27.079	-0.033	27.105	-0.016	27.153	-0.049
18.104	-0.191	18.140	-0.224	18.172	-0.192	18.211	-0.151	27.191	-0.032	27.233	-0.032	27.274	-0.023	27.312	0.018

27.347	0.027	27.379	0.011	27.421	-0.022	27.453	-0.047	35.565	-0.023	35.591	-0.032	35.613	0.008	35.639	0.032
27.504	-0.046	27.542	-0.054	27.588	-0.046	27.606	-0.047	35.691	0.080	35.717	0.005	35.743	-0.063	35.769	-0.105
27.645	-0.049	27.688	-0.049	27.704	-0.083	27.730	-0.092	35.805	-0.131	35.827	-0.116	35.857	-0.083	35.882	-0.035
27.759	-0.051	27.794	0.006	27.840	0.004	27.911	0.044	35.925	0.022	35.954	0.012	36.009	0.019	36.038	-0.016
27.941	0.035	27.983	0.042	27.993	0.017	28.028	0.065	36.070	-0.050	36.109	-0.051	36.151	-0.052	36.199	-0.053
28.070	0.064	28.106	0.029	28.149	-0.023	28.192	-0.042	36.251	-0.054	36.309	-0.048	36.370	-0.024	36.418	-0.017
28.234	-0.036	28.290	-0.014	28.326	-0.016	28.369	-0.043	36.451	-0.018	36.499	-0.019	36.570	-0.004	36.609	-0.021
28.409	-0.045	28.435	-0.047	28.481	-0.049	28.510	-0.018	36.642	-0.022	36.687	-0.056	36.717	-0.073	36.756	-0.031
28.556	-0.037	28.609	-0.055	28.641	-0.040	28.687	-0.000	36.782	-0.033	36.835	-0.000	36.871	-0.001	36.903	-0.026
28.726	0.006	28.769	0.021	28.801	0.020	28.837	-0.031	36.943	-0.044	36.985	-0.044	37.018	-0.037	37.057	-0.070
28.886	-0.033	28.948	-0.035	28.987	-0.036	29.036	-0.071	37.120	-0.014	37.162	0.026	37.202	0.033	37.251	-0.035
29.075	-0.073	29.114	-0.015	29.143	0.052	29.169	0.060	37.284	-0.045	37.359	-0.039	37.399	-0.073	37.451	-0.058
29.208	-0.006	29.247	-0.023	29.280	-0.048	29.312	-0.048	37.517	-0.052	37.569	-0.046	37.612	-0.055	37.658	-0.048
29.354	-0.039	29.387	-0.015	29.422	-0.015	29.445	-0.015	37.684	-0.057	37.723	-0.075	37.752	-0.059	37.811	-0.020
29.487	-0.064	29.526	-0.073	29.558	-0.073	29.584	-0.014	37.844	-0.021	37.889	-0.055	37.932	-0.023	37.977	-0.024
29.613	0.053	29.643	0.053	29.665	0.021	29.707	-0.020	38.030	-0.026	38.079	-0.019	38.121	-0.036	38.180	-0.044
29.733	-0.069	29.762	-0.077	29.814	-0.067	29.843	-0.034	38.225	-0.061	38.297	-0.070	38.339	-0.079	38.417	-0.071
29.882	0.017	29.934	0.059	29.973	0.019	30.024	0.003	38.466	-0.047	38.535	-0.047	38.570	-0.031	38.625	-0.032
30.096	-0.012	30.125	-0.004	30.157	-0.029	30.205	-0.038	38.677	-0.009	38.709	-0.010	38.748	-0.002	38.793	-0.028
30.270	-0.028	30.296	-0.030	30.331	0.020	30.360	0.028	38.815	-0.037	38.870	-0.038	38.909	-0.056	38.951	-0.057
30.386	0.028	30.425	0.003	30.467	-0.014	30.515	-0.006	38.992	-0.041	39.028	-0.009	39.060	-0.010	39.092	-0.019
30.537	-0.039	30.596	0.001	30.621	-0.009	30.667	0.030	39.118	-0.078	39.149	-0.096	39.178	-0.064	39.216	-0.041
30.705	0.028	30.747	-0.015	30.786	-0.042	30.821	-0.044	39.258	-0.017	39.280	0.007	39.318	-0.028	39.353	-0.054
30.847	-0.062	30.886	-0.030	30.928	-0.016	30.963	-0.018	39.385	-0.088	39.420	-0.065	39.461	-0.033	39.506	-0.027
31.005	-0.028	31.050	-0.055	31.070	-0.023	31.109	-0.000	39.547	-0.045	39.582	-0.071	39.623	-0.072	39.649	-0.072
31.158	0.039	31.197	-0.004	31.226	-0.006	31.266	-0.016	39.677	-0.040	39.703	-0.007	39.738	0.034	39.766	-0.000
31.298	-0.043	31.334	-0.011	31.354	0.029	31.400	0.093	39.808	-0.034	39.852	-0.043	39.878	-0.069	39.928	-0.037
31.436	0.083	31.475	0.081	31.504	0.005	31.524	0.054	39.976	-0.038	39.992	-0.013	40.030	-0.022	40.059	-0.023
31.563	-0.072	31.592	-0.057	31.619	-0.024	31.655	0.049	40.091	-0.040	40.135	-0.041	40.174	-0.018	40.244	0.022
31.684	0.073	31.717	0.039	31.733	-0.028	31.753	-0.086	40.270	-0.029	40.311	-0.022	40.347	-0.023	40.388	-0.049
31.789	-0.129	31.819	-0.121	31.868	-0.031	31.904	0.042	40.439	-0.042	40.478	-0.018	40.516	-0.019	40.551	-0.028
31.933	0.066	31.963	0.007	31.986	-0.027	32.015	0.014	40.593	-0.038	40.647	-0.022	40.691	-0.023	40.749	-0.004
32.045	-0.037	32.074	-0.087	32.094	0.003	32.117	0.060	40.803	0.008	40.857	0.007	40.885	0.006	40.933	0.005
32.146	-0.093	32.165	0.108	32.194	0.058	32.226	-0.026	40.974	0.021	41.037	-0.047	41.076	-0.015	41.114	-0.024
32.275	-0.003	32.314	-0.005	32.349	0.010	32.388	0.050	41.155	-0.025	41.190	-0.017	41.245	-0.019	41.296	-0.012
32.420	0.074	32.446	-0.001	32.475	-0.060	32.501	-0.078	41.356	-0.038	41.394	-0.023	41.442	-0.007	41.487	-0.025
32.540	-0.071	32.579	-0.064	32.604	0.018	32.630	0.050	41.522	-0.009	41.573	-0.019	41.602	-0.030	41.654	-0.050
32.662	0.074	32.694	0.041	32.733	0.048	32.752	0.006	41.693	-0.060	41.738	-0.047	41.793	-0.025	41.841	-0.004
32.790	-0.086	32.816	-0.070	32.864	-0.055	32.886	-0.047	41.880	0.018	41.935	0.023	41.990	-0.005	42.025	0.001
32.925	-0.023	32.957	0.042	32.983	0.058	33.034	0.040	42.077	0.014	42.129	-0.015	42.183	-0.028	42.222	-0.056
33.069	0.031	33.104	-0.002	33.136	-0.052	33.149	-0.094	42.267	-0.035	42.299	-0.038	42.335	-0.041	42.370	-0.036
33.175	-0.069	33.225	-0.003	33.248	0.014	33.280	0.005	42.412	-0.064	42.447	-0.059	42.486	-0.062	42.518	-0.040
33.303	0.038	33.354	0.013	33.386	0.013	33.415	-0.045	42.554	-0.034	42.592	-0.062	42.619	-0.046	42.648	-0.064
33.453	-0.012	33.491	-0.020	33.530	-0.037	33.568	-0.046	42.694	-0.058	42.733	-0.059	42.763	-0.036	42.792	-0.037
33.610	-0.038	33.648	-0.013	33.695	0.036	33.739	0.036	42.835	-0.055	42.880	-0.065	42.920	-0.100	42.956	-0.052
33.774	-0.014	33.812	-0.064	33.860	-0.098	33.888	-0.073	42.989	-0.053	43.034	-0.047	43.080	-0.039	43.143	-0.048
33.926	-0.049	33.980	-0.032	34.040	-0.033	34.072	-0.066	43.186	-0.056	43.220	-0.073	43.266	-0.073	43.303	-0.064
34.103	-0.083	34.154	-0.066	34.201	-0.050	34.267	-0.041	43.346	-0.056	43.389	-0.056	43.449	-0.056	43.512	-0.064
34.292	-0.050	34.343	-0.083	34.375	-0.041	34.428	0.033	43.559	-0.064	43.611	-0.082	43.677	-0.066	43.723	-0.075
34.453	0.033	34.494	0.008	34.526	-0.033	34.557	-0.075	43.765	-0.092	43.831	-0.060	43.854	-0.061	43.887	-0.053
34.592	-0.100	34.634	-0.084	34.669	-0.018	34.711	-0.002	43.926	-0.045	43.959	-0.029	44.001	-0.047	44.038	-0.047
34.747	0.022	34.798	-0.003	34.853	-0.020	34.888	-0.004	44.135	-0.008	44.183	-0.026	44.183	-0.026	44.225	-0.036
34.917	-0.012	34.978	0.028	35.001	-0.006	35.046	-0.039	44.241	-0.032	44.286	-0.062	44.348	-0.056	44.406	-0.041
35.081	-0.073	35.110	-0.082	35.146	-0.042	35.202	0.006	44.464	-0.034	44.534	-0.028	44.583	-0.030	44.647	-0.033
35.248	0.046	35.290	0.019	35.326	-0.015	35.378	-0.025	44.698	-0.002	44.727	-0.011	44.785	-0.014	44.843	-0.008
35.411	-0.018	35.460	-0.019	35.486	-0.020	35.535	0.003	44.907	0.014	44.933	0.004	44.984	-0.048	45.019	-0.074

45.058	-0.018	45.103	-0.003	45.141	0.028	45.164	-0.006	56.380	0.041	56.431	0.064	56.473	0.046	56.511	0.028
45.196	-0.033	45.241	-0.035	45.289	-0.029	45.334	-0.006	56.588	0.059	56.646	0.024	56.674	0.082	56.735	0.064
45.379	-0.009	45.446	-0.020	45.514	-0.040	45.581	-0.019	56.783	0.046	56.824	0.061	56.866	0.044	56.901	0.051
45.619	0.039	45.664	-0.019	45.708	-0.044	45.753	-0.011	56.942	0.058	56.971	0.049	57.016	0.032	57.060	0.047
45.794	-0.019	45.835	-0.019	45.889	-0.044	45.940	-0.044	57.111	0.046	57.140	0.054	57.187	0.053	57.232	0.052
45.994	-0.011	46.041	0.006	46.092	0.023	46.121	0.024	57.276	0.051	57.333	0.083	57.349	0.082	57.397	0.073
46.153	-0.025	46.197	-0.041	46.242	-0.040	46.283	-0.007	57.486	0.080	57.530	0.046	57.591	0.068	57.633	0.074
46.331	-0.014	46.382	-0.005	46.430	-0.037	46.478	-0.036	57.671	0.063	57.703	0.070	57.758	0.067	57.825	0.063
46.532	-0.035	46.576	-0.011	46.618	-0.036	46.657	-0.011	57.861	0.061	57.874	0.052	57.909	0.017	57.960	0.047
46.709	-0.003	46.764	-0.011	46.813	-0.003	46.868	-0.003	58.002	0.045	58.038	0.043	58.076	0.049	58.099	0.040
46.927	0.013	46.979	0.013	47.031	0.079	47.076	0.012	58.145	0.046	58.168	0.061	58.207	0.042	58.246	0.032
47.136	0.019	47.172	-0.007	47.212	0.017	47.255	-0.001	58.409	0.014	58.308	0.029	58.354	0.035	58.390	0.041
47.315	0.023	47.374	0.054	47.437	0.036	47.481	0.010	58.502	0.032	58.449	0.029	58.488	0.069	58.534	0.058
47.534	0.017	47.590	-0.010	47.639	0.038	47.695	0.068	58.602	0.080	58.638	0.086	58.681	0.084	58.721	0.049
47.757	0.057	47.820	0.020	47.905	0.033	47.981	0.013	58.757	0.055	58.796	0.070	58.826	0.077	58.849	0.101
48.043	0.009	48.112	0.006	48.153	0.012	48.218	0.016	58.901	0.073	58.944	0.088	58.960	0.087	59.000	0.085
48.269	0.005	48.321	0.035	48.372	0.007	48.420	0.029	59.036	0.100	59.101	0.063	59.166	0.051	59.199	0.049
48.478	0.034	48.536	0.031	48.604	0.010	48.676	0.039	59.231	0.047	59.274	0.036	59.326	0.041	59.358	0.006
48.738	0.011	48.797	0.016	48.836	0.014	48.885	0.036	59.401	0.003	59.443	0.059	59.495	0.039	59.547	0.003
48.931	0.009	48.961	-0.017	48.993	-0.003	49.075	0.001	59.605	0.023	59.659	0.028	59.711	0.024	59.755	0.029
49.105	0.016	49.158	-0.003	49.223	-0.007	49.289	0.014	59.807	0.034	59.851	0.072	59.906	0.060	59.928	0.034
49.349	-0.014	49.398	-0.041	49.444	-0.022	49.494	0.003	59.983	0.022	60.027	0.002	60.072	-0.009	60.123	0.028
49.546	0.008	49.602	-0.003	49.641	-0.022	49.716	-0.009	60.171	0.017	60.218	0.005	60.250	0.028	60.285	0.025
49.748	0.005	49.791	0.003	49.836	-0.008	49.888	-0.011	60.333	0.005	60.374	0.002	60.412	0.033	60.447	0.030
49.937	-0.030	49.973	-0.015	50.022	0.015	50.054	0.014	60.501	0.001	60.568	-0.045	60.593	0.045	60.628	0.026
50.083	0.013	50.138	0.003	50.180	0.059	50.225	0.033	60.663	0.023	60.717	0.045	60.758	-0.024	60.787	0.040
50.264	0.032	50.313	0.022	50.354	0.012	50.406	0.027	60.831	0.029	60.866	-0.023	61.063	-0.001	60.936	0.005
50.451	0.017	50.480	0.033	50.529	0.056	50.571	0.029	60.983	0.019	61.025	0.024	61.063	-0.003	61.117	-0.005
50.635	0.025	50.680	0.023	50.738	0.020	50.780	0.010	61.171	0.009	61.213	0.024	61.258	0.047	61.280	0.021
50.819	0.016	50.860	0.030	50.906	0.003	50.944	-0.024	61.312	0.003	61.341	0.031	61.379	0.041	61.443	0.013
50.996	-0.027	51.050	0.004	51.102	0.025	51.141	0.031	61.469	0.045	61.520	-0.023	61.571	0.041	61.623	0.072
51.189	0.027	51.254	-0.010	51.286	-0.013	51.331	-0.016	61.677	0.020	61.725	0.027	61.779	0.016	61.824	0.015
51.406	-0.021	51.483	-0.001	51.538	-0.030	51.600	-0.024	61.855	0.055	61.891	0.054	61.916	0.061	61.980	0.059
51.641	-0.009	51.693	-0.036	51.741	-0.004	51.783	0.019	62.061	0.083	62.063	0.080	62.120	0.021	62.175	0.019
51.831	-0.024	51.883	-0.017	51.921	-0.010	51.963	0.013	62.213	0.017	62.261	-0.001	62.309	0.031	62.366	0.004
52.011	0.012	52.075	-0.015	52.124	-0.025	52.178	-0.027	62.405	0.036	62.478	-0.024	62.539	0.065	62.577	0.064
52.223	-0.020	52.258	-0.005	52.287	-0.022	52.332	-0.015	62.616	0.064	62.662	0.030	62.707	0.021	62.746	0.038
52.361	-0.041	52.396	-0.034	52.448	-0.027	52.480	-0.028	62.772	0.029	62.802	0.045	62.828	0.045	62.867	0.045
52.522	-0.005	52.563	-0.015	52.608	-0.017	52.653	0.007	62.903	0.053	62.922	0.053	62.984	-0.006	63.036	0.035
52.691	-0.035	52.743	-0.012	52.787	-0.014	52.835	-0.007	63.056	0.051	63.079	0.034	63.124	0.016	63.164	0.040
52.899	-0.001	52.951	-0.003	53.005	0.021	53.050	-0.031	63.203	0.055	63.258	0.087	63.317	0.060	63.379	0.059
53.091	-0.048	53.146	0.000	53.184	0.008	53.235	0.015	63.422	-0.001	63.480	0.039	63.520	0.030	63.585	0.053
53.293	0.022	53.357	0.029	53.399	0.036	53.453	0.002	63.633	0.043	63.675	0.050	63.740	0.064	63.801	0.079
53.472	0.026	53.549	0.033	53.578	0.040	53.613	0.005	63.856	0.069	63.924	0.083	63.966	0.098	64.011	0.072
53.658	-0.014	53.726	0.025	53.784	-0.003	53.842	0.044	64.063	0.045	64.127	0.070	64.191	0.036	64.268	0.085
53.900	0.042	53.942	-0.010	53.990	-0.029	54.038	0.035	64.316	0.068	64.377	0.117	64.409	0.067	64.460	0.100
54.093	0.007	54.167	0.019	54.212	0.032	54.283	-0.006	64.495	0.135	64.527	0.100	64.563	0.115	64.656	0.049
54.351	-0.002	54.416	-0.006	54.483	0.006	54.532	0.011	64.691	0.038	64.733	0.084	64.768	0.031	64.809	0.060
54.603	-0.000	54.657	0.039	54.721	0.045	54.776	0.042	64.861	0.039	64.944	0.057	64.983	0.021	65.021	0.034
54.824	0.032	54.882	0.030	54.946	0.002	54.994	0.033	65.075	0.028	65.136	0.037	65.177	0.031	65.218	0.034
55.032	-0.001	55.093	0.064	55.154	0.063	55.266	0.021	65.268	0.019	65.347	0.042	65.392	0.027	65.448	0.003
55.298	0.054	55.352	0.029	55.416	0.061	55.506	0.085	65.493	0.014	65.540	0.041	65.568	0.055	65.594	0.004
55.541	0.052	55.586	0.051	55.657	0.042	55.721	0.083	65.597	0.004	65.673	0.042	65.708	0.016	65.758	0.022
55.798	0.057	55.862	0.048	55.907	0.056	55.965	0.022	65.793	0.037	65.828	0.028	65.869	0.009	65.936	-0.002
56.020	0.054	56.055	0.045	56.107	0.068	56.171	0.049	66.005	0.028	66.053	0.010	66.097	0.009	66.144	0.033
56.203	0.041	56.251	0.079	56.303	0.044	56.344	0.043	66.196	0.056	66.252	0.030	66.298	0.012	66.341	0.045

66.401	0.043	66.457	0.009	66.503	0.024	66.552	0.039	75.764	0.105	75.802	0.070	75.825	0.069	75.863	0.033
66.592	0.045	66.638	0.051	66.655	0.067	66.694	0.048	75.908	0.064	75.946	0.087	75.987	0.085	76.025	0.041
66.734	0.029	66.774	0.068	66.804	0.008	66.853	0.030	76.060	0.081	76.092	0.063	76.127	0.054	76.165	0.053
66.890	0.002	66.936	0.025	66.976	-0.003	67.022	-0.014	76.204	0.051	76.232	0.067	76.277	0.066	76.321	0.072
67.062	-0.008	67.095	0.032	67.149	-0.003	67.197	-0.005	76.359	0.079	76.404	0.045	76.442	0.068	76.471	0.067
67.232	0.002	67.267	0.051	67.299	0.017	67.351	0.031	76.512	0.066	76.547	0.073	76.587	0.056	76.607	0.047
67.389	0.047	67.431	0.037	67.475	0.002	67.517	0.042								
67.562	0.041	67.613	0.015	67.635	-0.010	67.695	0.063								
67.740	0.037	67.756	0.062	67.803	0.053	67.829	0.060								
67.857	0.035	67.899	0.059	67.937	0.033	67.975	0.057								
68.022	0.098	68.064	0.056	68.096	0.055	68.125	0.054								
68.163	0.044	68.205	0.027	68.228	0.026	68.267	0.033								
68.318	0.057	68.354	0.047	68.399	0.054	68.447	0.078								
68.492	0.085	68.534	0.100	68.586	0.107	68.628	0.106								
68.677	0.046	68.719	0.078	68.758	0.093	68.813	0.108								
68.849	0.107	68.885	0.098	68.927	0.130	68.956	0.121								
68.998	0.070	69.053	0.060	69.092	0.042	69.134	0.066								
69.169	0.089	69.211	0.063	69.233	0.062	69.278	0.036								
69.323	0.026	69.361	0.025	69.415	0.056	69.463	0.055								
69.508	0.004	69.543	0.044	69.572	0.035	69.633	0.017								
69.693	0.041	69.737	0.065	69.769	0.039	69.814	0.038								
69.871	0.045	69.912	0.061	69.941	0.060	69.982	0.010								
70.017	0.067	70.061	0.066	70.090	0.057	70.132	0.031								
70.154	0.055	70.202	0.070	70.257	0.093	70.311	0.100								
70.362	0.090	70.401	0.097	70.439	0.071	70.481	0.069								
70.526	0.068	70.561	0.050	70.600	0.048	70.639	0.020								
70.678	0.051	70.713	0.082	70.759	0.079	70.814	0.043								
70.876	0.097	70.934	0.094	70.976	0.099	71.019	0.088								
71.044	0.067	71.106	0.083	71.139	0.106	71.197	0.119								
71.262	0.167	71.301	0.104	71.333	0.111	71.379	0.083								
71.424	0.122	71.463	0.103	71.522	0.099	71.577	0.063								
71.631	0.051	71.692	0.089	71.765	0.085	71.806	0.075								
71.851	0.073	71.899	0.070	71.975	0.074	72.017	0.072								
72.061	0.102	72.122	0.091	72.163	0.088	72.214	0.059								
72.255	0.073	72.287	0.087	72.322	0.085	72.364	0.082								
72.408	0.112	72.443	0.043	72.482	0.041	72.526	0.038								
72.571	0.059	72.606	0.064	72.625	0.029	72.673	0.058								
72.696	0.047	72.738	0.101	72.773	0.048	72.812	0.012								
72.850	0.041	72.889	0.054	72.931	0.058	72.966	0.088								
73.011	0.026	73.063	0.055	73.114	0.068	73.150	0.074								
73.185	0.039	73.230	0.045	73.295	0.066	73.340	0.063								
73.372	0.036	73.424	0.050	73.462	0.031	73.508	0.053								
73.563	0.068	73.595	0.059	73.631	0.049	73.684	0.048								
73.717	0.006	73.746	0.072	73.776	0.087	73.822	0.045								
73.858	0.061	73.891	0.043	73.944	0.042	73.970	0.033								
74.003	0.049	74.036	0.048	74.078	0.071	74.124	0.078								
74.183	0.076	74.246	0.049	74.295	0.072	74.347	0.070								
74.387	0.069	74.390	0.068	74.452	0.083	74.511	0.097								
74.524	0.097	74.557	0.096	74.596	0.053	74.628	0.076								
74.676	0.058	74.718	0.081	74.775	0.087	74.791	0.079								
74.820	0.077	74.855	0.051	74.907	0.049	74.951	0.081								
74.990	0.104	75.041	0.102	75.089	0.100	75.111	0.091								
75.146	0.081	75.191	0.078	75.245	0.083	75.290	0.089								
75.337	0.070	75.369	0.085	75.420	0.082	75.455	0.064								
75.506	0.053	75.538	0.068	75.579	0.065	75.605	0.064								
75.634	0.046	75.672	0.102	75.710	0.100	75.732	0.090								

9.459	0.556	9.494	0.648	9.517	0.666	9.546	0.658	18.342	0.666	18.396	0.642	18.448	0.635	18.496	0.635
9.594	0.602	9.636	0.528	9.675	0.397	9.711	0.224	18.537	0.644	18.579	0.636	18.627	0.562	18.666	0.480
9.740	0.042	9.782	-0.058	9.821	-0.130	9.847	-0.087	18.715	0.406	18.753	0.373	18.792	0.357	18.838	0.350
9.879	-0.037	9.922	-0.052	9.960	-0.109	9.999	-0.191	18.883	0.267	18.964	0.144	19.032	0.012	19.103	-0.095
10.051	-0.257	10.090	-0.255	10.132	-0.179	10.183	-0.128	19.162	-0.219	19.236	-0.342	19.317	-0.449	19.405	-0.539
10.222	-0.110	10.270	-0.142	10.315	-0.265	10.357	-0.437	19.473	-0.580	19.522	-0.638	19.564	-0.695	19.600	-0.737
10.396	-0.577	10.435	-0.650	10.480	-0.666	10.518	-0.673	19.655	-0.769	19.700	-0.810	19.742	-0.850	19.790	-0.881
10.544	-0.539	10.592	-0.612	10.631	-0.661	10.679	-0.783	19.832	-0.708	19.871	-0.666	19.913	-0.648	19.952	-0.631
10.720	-0.873	10.756	-0.930	10.794	-0.976	10.829	-0.919	19.997	-0.564	20.036	-0.513	20.078	-0.471	20.120	-0.429
10.861	-0.786	10.900	-0.603	10.938	-0.461	10.960	-0.386	20.181	-0.370	20.233	-0.311	20.298	-0.235	20.349	-0.176
11.002	-0.319	11.037	-0.327	11.082	-0.360	11.127	-0.351	20.404	-0.159	20.449	-0.125	20.479	-0.066	20.527	0.009
11.165	-0.284	11.197	-0.192	11.232	-0.117	11.270	-0.058	20.582	0.043	20.624	0.102	20.672	0.186	20.710	0.245
11.309	-0.050	11.353	-0.033	11.389	0.042	11.440	0.076	20.746	0.295	20.800	0.296	20.845	0.305	20.887	0.364
11.484	0.018	11.513	-0.056	11.548	-0.097	11.580	-0.122	20.929	0.472	20.967	0.564	20.999	0.614	21.041	0.640
11.606	-0.113	11.644	-0.013	11.676	0.111	11.702	0.186	21.086	0.608	21.140	0.550	21.196	0.543	21.234	0.544
11.743	0.253	11.781	0.320	11.820	0.370	11.836	0.387	21.275	0.553	21.320	0.587	21.345	0.637	21.373	0.679
11.864	0.312	11.909	0.155	11.944	0.073	11.976	0.023	21.399	0.704	21.430	0.639	21.465	0.540	21.500	0.482
12.008	0.015	12.036	0.115	12.062	0.223	12.091	0.423	21.525	0.450	21.547	0.425	21.588	0.451	21.626	0.460
12.126	0.654	12.148	0.781	12.186	0.831	12.212	0.807	21.667	0.461	21.717	0.404	21.774	0.330	21.818	0.273
12.250	0.742	12.282	0.692	12.326	0.685	12.355	0.553	21.871	0.225	21.928	0.168	21.953	0.152	22.003	0.137
12.390	0.597	12.422	0.521	12.454	0.622	12.492	0.714	22.044	-0.132	22.082	-0.072	22.129	0.007	22.193	-0.067
12.521	0.756	12.546	0.765	12.584	0.732	12.619	0.667	22.244	-0.304	22.272	-0.165	22.317	-0.164	22.358	-0.197
12.670	0.635	12.715	0.553	12.753	0.330	12.801	0.116	22.399	-0.555	22.448	-0.599	22.467	-0.640	22.505	-0.589
12.839	0.009	12.875	-0.039	12.913	-0.022	12.970	0.013	22.584	-0.550	22.622	-0.599	22.667	-0.640	22.705	-0.589
13.018	0.031	13.069	-0.051	13.108	-0.166	13.137	-0.322	22.753	-0.555	22.788	-0.547	22.833	-0.529	22.878	-0.529
13.162	-0.413	13.198	-0.445	13.233	-0.386	13.265	-0.344	22.923	-0.569	22.971	-0.585	23.009	-0.543	23.070	-0.476
13.323	-0.375	13.352	-0.408	13.387	-0.382	13.441	-0.423	23.124	-0.458	23.192	-0.441	23.249	-0.374	23.291	-0.315
13.480	-0.472	13.531	-0.479	13.580	-0.503	13.612	-0.511	23.352	-0.272	23.410	-0.230	23.461	-0.171	23.499	-0.137
13.660	-0.468	13.699	-0.443	13.731	-0.434	13.776	-0.475	23.535	-0.079	23.570	-0.045	23.602	-0.045	23.647	-0.044
13.830	-0.548	13.882	-0.614	13.920	-0.663	13.969	-0.670	23.686	-0.043	23.727	0.024	23.776	0.124	23.830	0.199
14.004	-0.545	14.036	-0.453	14.059	-0.403	14.107	-0.369	23.895	0.267	23.959	0.326	23.998	0.360	24.039	0.352
14.126	-0.319	14.161	-0.260	14.213	-0.276	14.267	-0.292	24.088	0.369	24.123	0.395	24.175	0.437	24.213	0.496
14.325	-0.291	14.382	-0.257	14.437	-0.189	14.491	-0.130	24.252	0.513	24.301	0.505	24.359	0.498	24.397	0.507
14.549	-0.055	14.588	0.045	14.633	0.104	14.675	0.072	24.423	0.532	24.462	0.549	24.501	0.558	24.533	0.517
14.726	0.048	14.765	0.140	14.797	0.248	14.839	0.407	24.581	0.451	24.617	0.451	24.665	0.451	24.739	0.435
14.868	0.482	14.910	0.541	14.949	0.583	14.981	0.626	24.803	0.402	24.871	0.344	24.932	0.245	24.999	0.146
15.007	0.751	15.042	0.901	15.071	0.984	15.110	0.960	25.047	0.146	25.108	0.147	25.157	0.072	25.224	0.006
15.152	0.903	15.203	0.912	15.252	0.905	15.293	0.890	25.289	-0.051	25.353	-0.092	25.408	-0.159	25.469	-0.225
15.338	0.859	15.383	0.792	15.425	0.768	15.477	0.786	25.526	-0.282	25.578	-0.299	25.630	-0.315	25.681	-0.315
15.499	0.753	15.538	0.663	15.592	0.540	15.649	0.425	25.733	-0.298	25.775	-0.281	25.830	-0.297	25.888	-0.322
15.703	0.293	15.745	0.228	15.783	0.228	15.833	0.221	25.969	-0.405	26.027	-0.438	26.063	-0.404	26.111	-0.371
15.868	0.139	15.906	0.024	15.957	-0.116	15.995	-0.232	26.160	-0.428	26.205	-0.477	26.256	-0.501	26.305	-0.459
16.021	-0.289	16.056	-0.288	16.075	-0.271	16.100	-0.263	26.357	-0.425	26.399	-0.408	26.447	-0.349	26.499	-0.290
16.138	-0.295	16.179	-0.327	16.208	-0.327	16.237	-0.351	26.550	-0.206	26.605	-0.147	26.644	-0.089	26.692	-0.080
16.275	-0.304	16.297	-0.450	16.351	-0.549	16.392	-0.648	26.744	-0.062	26.808	0.030	26.856	0.097	26.920	0.206
16.443	-0.657	16.472	-0.655	16.506	-0.605	16.545	-0.579	26.956	0.256	26.998	0.265	27.026	0.274	27.055	0.299
16.589	-0.620	16.643	-0.744	16.685	-0.826	16.730	-0.909	27.087	0.324	27.128	0.317	27.177	0.301	27.215	0.285
16.794	-0.949	16.835	-0.907	16.883	-0.840	16.947	-0.823	27.254	0.286	27.286	0.303	27.343	0.328	27.420	0.321
16.985	-0.768	17.027	-0.681	17.068	-0.631	17.116	-0.572	27.484	0.306	27.535	0.265	27.583	0.233	27.630	0.234
17.171	-0.481	17.216	-0.347	17.264	-0.239	17.302	-0.172	27.680	0.267	27.727	0.260	27.757	0.252	27.789	0.243
17.338	-0.114	17.395	-0.039	17.437	0.045	17.475	0.129	27.868	0.285	27.878	0.335	27.922	0.352	27.957	0.344
17.501	0.170	17.552	0.188	17.603	0.230	17.639	0.297	28.011	0.328	28.081	0.271	28.138	0.221	28.195	0.180
17.671	0.364	17.718	0.489	17.763	0.565	17.805	0.590	28.258	0.173	28.321	0.107	28.378	0.041	28.416	0.008
17.849	0.583	17.888	0.567	17.920	0.534	17.971	0.502	28.463	-0.016	28.508	-0.090	28.571	-0.197	28.621	-0.255
18.012	0.561	18.060	0.670	18.099	0.737	18.131	0.762	28.659	-0.279	28.704	-0.287	28.742	-0.336	28.792	-0.369
18.179	0.750	18.217	0.672	18.268	0.665	18.307	0.666	28.846	-0.385	28.932	-0.359	29.014	-0.341	29.106	-0.316

29.169	-0.298	29.217	-0.298	29.259	-0.305	29.297	-0.280	40.687	0.295	40.728	0.321	40.792	0.296	40.852	0.264
29.348	-0.280	29.392	-0.296	29.437	-0.303	29.488	-0.270	40.906	0.239	40.963	0.240	41.008	0.224	41.075	0.166
29.552	-0.244	29.612	-0.227	29.660	-0.209	29.715	-0.167	41.138	0.109	41.198	0.068	41.265	0.052	41.325	0.028
29.785	-0.133	29.846	-0.100	29.900	-0.049	29.942	0.009	41.398	-0.029	41.471	-0.070	41.547	-0.127	41.627	-0.167
30.012	-0.035	30.092	-0.086	30.173	-0.112	30.234	0.195	41.700	-0.183	41.752	-0.191	41.793	-0.190	41.844	-0.206
30.279	-0.229	30.324	0.270	30.385	0.328	30.417	0.337	41.880	-0.197	41.918	-0.189	41.979	-0.205	42.040	-0.230
30.469	-0.362	30.520	0.345	30.588	0.337	30.659	0.337	42.126	-0.254	42.180	-0.254	42.228	-0.254	42.267	-0.270
30.694	-0.338	30.753	0.338	30.821	0.303	30.902	0.288	42.318	-0.278	42.379	-0.253	42.436	-0.228	42.497	-0.211
30.989	-0.272	31.070	0.273	31.135	0.273	31.197	0.241	42.571	-0.194	42.631	-0.161	42.699	-0.102	42.772	-0.069
31.255	-0.199	31.317	0.167	31.376	0.142	31.415	0.143	42.830	-0.052	42.877	-0.010	42.954	0.048	43.044	0.098
31.467	-0.093	31.526	0.036	31.585	-0.022	31.594	-0.064	43.134	0.139	43.205	0.172	43.282	0.230	43.331	0.247
31.623	-0.063	31.682	-0.055	31.711	-0.038	31.746	-0.038	43.386	0.280	43.457	0.272	43.525	0.255	43.605	0.247
31.788	-0.087	31.837	-0.194	31.866	-0.294	31.895	-0.318	43.657	0.272	43.722	0.280	43.809	0.272	43.926	0.247
31.931	-0.285	31.963	-0.227	31.999	-0.185	32.028	-0.160	44.023	0.213	44.136	0.171	44.259	0.113	44.365	0.046
32.050	-0.159	32.073	-0.151	32.111	-0.184	32.150	-0.217	44.469	-0.005	44.582	-0.071	44.666	-0.130	44.751	-0.156
32.172	-0.249	32.201	-0.324	32.226	-0.415	32.261	-0.472	44.809	-0.189	44.874	-0.215	44.929	-0.215	44.998	-0.224
32.287	-0.505	32.309	-0.513	32.337	-0.447	32.357	-0.355	45.050	-0.258	45.131	-0.292	45.202	-0.292	45.245	-0.268
32.388	-0.280	32.408	-0.231	32.439	-0.189	32.468	-0.186	45.365	-0.260	45.436	-0.244	45.407	-0.236	45.472	-0.261
32.506	-0.213	32.544	-0.295	32.573	-0.362	32.608	-0.386	45.557	-0.237	45.654	-0.197	45.731	-0.139	45.818	-0.106
32.659	-0.352	32.694	-0.311	32.726	-0.252	32.754	-0.211	45.879	-0.074	45.966	-0.066	46.050	-0.033	46.133	0.024
32.776	-0.186	32.814	-0.202	32.853	-0.227	32.884	-0.243	46.210	0.065	46.303	0.058	46.399	0.147	46.473	0.172
32.932	-0.210	32.973	-0.168	33.002	-0.159	33.056	-0.143	46.540	0.196	46.688	0.196	46.804	0.195	46.953	0.228
33.087	-0.109	33.129	-0.076	33.183	-0.092	33.234	-0.117	46.804	0.261	46.869	0.227	46.946	0.210	47.010	0.210
33.272	-0.125	33.311	-0.116	33.343	-0.050	33.375	0.058	47.065	0.210	47.132	0.217	47.193	0.184	47.258	0.142
33.406	0.125	33.458	0.150	33.512	0.134	33.562	0.134	47.332	0.125	47.421	0.091	47.502	0.049	47.604	-0.009
33.636	0.176	33.674	0.218	33.728	0.243	33.802	0.227	47.720	-0.076	47.823	-0.118	47.929	-0.144	48.041	-0.178
33.849	0.210	33.894	0.227	33.945	0.294	33.993	0.344	48.132	-0.203	48.219	-0.212	48.278	-0.221	48.336	-0.221
34.028	0.352	34.088	0.353	34.161	0.345	34.224	0.312	48.379	-0.246	48.431	-0.288	48.496	-0.313	48.551	-0.280
34.262	0.262	34.309	0.254	34.347	0.287	34.385	0.320	48.616	-0.239	48.688	-0.248	48.779	-0.232	48.873	-0.215
34.432	0.329	34.517	0.296	34.602	0.255	34.643	0.230	48.961	-0.149	49.055	-0.091	49.129	-0.067	49.200	-0.050
34.706	0.197	34.763	0.131	34.813	0.106	34.867	0.123	49.264	0.008	49.338	0.057	49.386	0.082	49.447	0.090
34.911	0.131	34.980	0.058	35.040	0.040	35.103	-0.018	49.507	0.107	49.562	0.140	49.620	0.140	49.684	0.115
35.196	-0.118	35.273	-0.184	35.343	-0.234	35.413	-0.242	49.773	0.140	49.870	0.164	49.963	0.181	50.027	0.180
35.464	-0.234	35.506	-0.209	35.554	-0.209	35.599	-0.233	50.094	0.197	50.178	0.213	50.249	0.246	50.317	0.237
35.644	-0.274	35.696	-0.307	35.718	-0.299	35.773	-0.298	50.408	0.179	50.482	0.137	50.589	0.104	50.733	0.053
35.825	-0.298	35.854	-0.306	35.912	-0.322	35.964	-0.330	50.847	-0.022	50.974	-0.072	51.071	-0.123	51.197	-0.165
36.006	-0.311	36.058	-0.363	36.109	-0.345	36.158	-0.337	51.275	-0.174	51.369	-0.184	51.482	-0.160	51.598	-0.169
36.212	-0.319	36.303	-0.260	36.435	-0.167	36.534	-0.092	51.715	-0.178	51.794	-0.196	51.867	-0.205	51.924	-0.205
36.596	-0.049	36.676	0.010	36.740	0.077	36.779	0.135	52.003	-0.198	52.076	-0.165	52.181	-0.141	52.273	-0.125
36.834	0.177	36.879	0.177	36.917	0.144	36.946	0.144	52.362	-0.084	52.436	-0.043	52.512	-0.036	52.585	0.005
36.988	0.169	37.036	0.203	37.088	0.236	37.175	0.237	52.649	0.055	52.714	0.088	52.804	0.095	52.894	0.111
37.220	0.237	37.295	0.229	37.340	0.213	37.402	0.213	52.958	0.119	53.016	0.160	53.090	0.160	53.154	0.143
37.463	0.246	37.518	0.272	37.576	0.272	37.631	0.272	53.218	0.126	53.292	0.126	53.378	0.150	53.475	0.150
37.670	0.289	37.721	0.305	37.786	0.289	37.854	0.273	53.577	0.141	53.644	0.140	53.731	0.123	53.834	0.114
37.931	0.248	37.989	0.223	38.057	0.215	38.121	0.149	53.952	0.105	54.058	0.080	54.132	0.046	54.242	-0.021
38.166	0.099	38.246	0.042	38.304	0.001	38.381	-0.065	54.313	-0.055	54.388	-0.063	54.440	-0.080	54.517	-0.122
38.442	-0.090	38.513	-0.123	38.574	-0.164	38.639	-0.222	54.592	-0.164	54.676	-0.181	54.741	-0.182	54.793	-0.157
38.713	-0.246	38.787	-0.246	38.829	-0.237	38.894	-0.220	54.852	-0.150	54.910	-0.166	54.995	-0.162	55.076	-0.159
38.958	-0.237	39.020	-0.253	39.097	-0.261	39.162	-0.277	55.192	-0.127	55.299	-0.120	55.414	-0.122	55.514	-0.090
39.213	-0.277	39.271	-0.219	39.320	-0.177	39.371	-0.152	55.633	-0.083	55.761	-0.059	55.841	-0.027	55.937	0.005
39.423	-0.144	39.465	-0.113	39.513	-0.110	39.575	-0.093	56.039	0.045	56.116	0.094	56.202	0.134	56.305	0.149
39.626	-0.085	39.690	-0.076	39.728	-0.043	39.772	-0.010	56.385	0.163	56.446	0.187	56.507	0.186	56.574	0.168
39.811	0.016	39.859	0.016	39.919	0.016	39.958	0.033	56.645	0.158	56.744	0.131	56.831	0.146	56.898	0.136
39.999	0.058	40.047	0.083	40.095	0.100	40.142	0.108	56.862	0.110	57.017	0.076	57.055	0.091	57.116	0.115
40.190	0.125	40.263	0.175	40.333	0.217	40.384	0.251	57.196	0.057	57.276	0.079	57.353	0.069	57.440	0.068
40.435	0.251	40.509	0.252	40.585	0.261	40.636	0.262	57.504	0.050	57.587	0.015	57.696	0.005	57.767	-0.030

IE080
71.093 2/9/71 0600PST L.A. WATER/POWER BLDG. 15TH FL. S40M

1811 POINTS 73.303 SECCNOS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
WHICH A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3085 G/10

57.847	-0.072	57.901	-0.123	57.966	-0.141	58.014	-0.142
58.062	-0.143	58.133	-0.177	58.195	-0.203	58.259	-0.221
58.324	-0.180	58.415	-0.157	58.483	-0.158	58.561	-0.150
58.622	-0.118	58.700	-0.111	58.757	-0.111	58.819	-0.087
58.893	-0.080	59.009	-0.082	59.118	-0.058	59.250	-0.035
59.340	-0.035	59.445	-0.036	59.548	-0.060	59.642	0.100
59.717	0.140	59.792	0.164	59.874	0.187	59.949	0.178
60.027	0.177	60.109	0.159	60.178	0.166	60.256	0.165
60.335	0.156	60.410	0.130	60.502	0.112	60.580	0.103
60.659	0.085	60.756	0.051	60.851	0.017	60.919	-0.009
61.010	-0.010	61.076	-0.010	61.176	-0.053	61.308	-0.087
61.428	-0.147	61.554	-0.148	61.618	-0.157	61.669	-0.182
61.733	-0.183	61.804	-0.159	61.877	-0.135	61.928	-0.127
61.980	-0.136	62.053	-0.128	62.143	-0.096	62.272	-0.080
62.400	-0.065	62.529	-0.025	62.648	-0.001	62.748	0.006
62.861	0.030	62.976	0.062	63.047	0.095	63.108	0.128
63.201	0.151	63.290	0.158	63.401	0.165	63.474	0.188
63.521	0.162	63.627	0.153	63.710	0.118	63.834	0.108
63.948	0.065	64.047	0.038	64.149	0.012	64.225	-0.006
64.337	-0.024	64.419	-0.059	64.512	-0.102	64.633	-0.104
64.741	-0.164	64.859	-0.207	64.958	-0.201	65.073	-0.203
65.164	-0.196	65.251	-0.173	65.338	-0.149	65.423	-0.109
65.571	-0.087	65.678	-0.047	65.802	-0.016	65.883	0.017
65.921	0.057	66.054	0.089	66.174	0.113	66.274	0.161
66.361	0.201	66.451	0.217	66.563	0.240	66.674	0.214
66.814	0.179	66.899	0.144	67.023	0.125	67.137	0.065
67.245	0.038	67.367	-0.005	67.515	-0.041	67.682	-0.110
67.826	-0.146	67.982	-0.206	68.048	-0.216	68.135	-0.217
68.207	-0.226	68.252	-0.243	68.323	-0.211	68.437	-0.180
68.576	-0.124	68.721	-0.060	68.812	-0.029	68.915	0.011
68.983	0.043	69.080	0.066	69.199	0.080	69.321	0.102
69.431	0.132	69.518	0.146	69.599	0.169	69.740	0.190
69.842	0.212	69.919	0.210	70.021	0.174	70.120	0.155
70.194	0.128	70.286	0.101	70.375	0.074	70.465	0.071
70.583	0.035	70.670	-0.017	70.786	-0.053	70.892	-0.080
71.027	-0.108	71.158	-0.120	71.267	-0.155	71.391	-0.183
71.531	-0.194	71.629	-0.195	71.745	-0.155	71.871	-0.124
71.962	-0.092	72.069	-0.085	72.174	-0.070	72.282	-0.038
72.387	-0.006	72.476	0.018	72.581	0.049	72.689	0.057
72.768	0.090	72.807	0.090	72.947	0.131	73.064	0.164
73.166	0.164						

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.019	0.076	0.039	0.042	0.065	0.056	0.081
0.082	0.074	0.108	0.041	0.121	0.025	0.154	0.026
0.180	0.027	0.213	0.044	0.223	0.045	0.253	0.029
0.273	0.021	0.310	-0.002	0.330	-0.035	0.350	-0.068
0.384	-0.100	0.400	-0.074	0.434	-0.039	0.450	0.003
0.480	0.005	0.517	0.007	0.537	-0.001	0.561	0.001
0.587	-0.023	0.624	-0.029	0.651	-0.028	0.668	-0.019
0.694	-0.018	0.714	-0.025	0.737	-0.032	0.753	-0.023
0.809	0.021	0.822	0.005	0.849	0.014	0.875	0.024
0.888	0.016	0.924	0.026	0.957	0.018	0.993	0.027
1.010	0.019	1.036	0.027	1.059	0.028	1.086	0.020
1.105	0.020	1.132	0.020	1.155	-0.004	1.178	-0.020
1.210	-0.012	1.235	-0.020	1.261	-0.028	1.283	-0.028
1.296	-0.020	1.315	0.013	1.338	0.021	1.360	0.021
1.383	0.013	1.408	-0.012	1.447	0.022	1.459	0.013
1.475	-0.003	1.504	-0.011	1.527	-0.003	1.552	0.022
1.587	0.064	1.600	0.031	1.629	0.023	1.639	-0.010
1.667	-0.051	1.693	-0.067	1.722	-0.091	1.754	-0.049
1.779	-0.073	1.818	-0.021	1.831	-0.004	1.850	0.030
1.885	0.089	1.907	0.131	1.939	0.141	1.962	0.100
1.981	0.043	1.997	0.002	2.029	0.045	2.048	0.138
2.058	0.213	2.080	0.297	2.115	0.374	2.141	0.267
2.154	0.185	2.163	0.103	2.189	0.054	2.215	0.089
2.231	0.115	2.261	0.141	2.287	0.109	2.319	0.119
2.349	0.137	2.378	0.039	2.404	-0.151	2.420	-0.308
2.440	-0.547	2.450	-0.762	2.486	-0.793	2.505	-0.768
2.534	-0.666	2.554	-0.541	2.596	-0.398	2.606	-0.289
2.635	-0.197	2.665	-0.096	2.687	-0.054	2.710	-0.019
2.743	0.007	2.769	0.016	2.795	0.042	2.825	0.118
2.851	0.143	2.877	0.135	2.909	0.119	2.929	0.144
2.962	0.244	2.984	0.294	3.001	0.386	3.030	0.453
3.053	0.544	3.069	0.619	3.095	0.677	3.118	0.703
3.148	0.612	3.167	0.438	3.203	0.190	3.235	0.025
3.248	-0.075	3.274	-0.141	3.313	-0.248	3.338	-0.297
3.368	-0.280	3.390	-0.238	3.416	-0.172	3.442	-0.105
3.465	-0.021	3.477	0.053	3.497	0.112	3.529	0.129
3.558	0.063	3.571	0.003	3.594	0.168	3.607	-0.300
3.613	-0.416	3.643	-0.474	3.649	-0.532	3.675	-0.531
3.726	-0.521	3.749	-0.496	3.788	-0.412	3.814	-0.295
3.846	-0.153	3.869	-0.004	3.898	0.171	3.908	0.288

3.924	0.396	3.950	0.562	3.969	0.663	4.001	0.764	9.155	0.206	9.230	0.115	9.246	0.008	9.281	-0.016
4.024	0.607	4.034	0.450	4.037	0.343	4.050	0.269	9.317	-0.015	9.349	0.052	9.374	0.152	9.400	0.302
4.063	0.170	4.086	0.129	4.102	0.146	4.124	0.272	9.423	0.353	9.451	0.379	9.474	0.396	9.503	0.322
4.150	0.373	4.170	0.382	4.205	0.392	4.250	0.419	9.529	0.149	9.551	-0.017	9.580	-0.090	9.615	-0.172
4.289	0.454	4.318	0.488	4.334	0.580	4.357	0.647	9.657	-0.187	9.692	-0.120	9.709	-0.028	9.731	0.089
4.395	0.715	4.412	0.683	4.441	0.551	4.454	0.452	9.754	0.098	9.793	0.091	9.819	0.092	9.858	0.118
4.473	0.321	4.479	0.221	4.492	0.122	4.515	0.032	9.884	0.169	9.900	0.202	9.935	0.229	9.961	0.205
4.544	-0.033	4.570	-0.073	4.595	-0.147	4.634	-0.228	9.981	0.172	10.010	0.157	10.055	0.191	10.081	0.292
4.654	-0.343	4.699	-0.499	4.718	-0.589	4.744	-0.522	10.114	0.409	10.136	0.484	10.169	0.568	10.185	0.569
4.776	-0.330	4.792	-0.164	4.811	-0.064	4.840	-0.039	10.211	0.537	10.224	0.512	10.262	0.514	10.288	0.539
4.866	-0.130	4.898	-0.221	4.940	-0.345	4.940	-0.502	10.324	0.606	10.352	0.673	10.394	0.682	10.433	0.634
4.962	-0.626	4.978	-0.751	5.007	-0.949	5.017	-0.965	10.468	0.618	10.454	0.618	10.536	0.603	10.581	0.579
5.043	-1.247	5.065	-1.280	5.088	-1.164	5.097	-0.965	10.610	0.529	10.633	0.513	10.671	0.472	10.700	0.489
5.110	-0.724	5.130	-0.458	5.155	-0.251	5.184	-0.118	10.726	0.547	10.758	0.556	10.787	0.589	10.815	0.490
5.213	-0.001	5.239	0.181	5.262	0.289	5.303	0.348	10.831	0.591	10.867	0.283	10.892	0.259	10.927	0.259
5.319	0.315	5.332	0.249	5.361	0.116	5.381	-0.024	10.947	0.251	10.979	0.243	11.011	0.218	11.046	0.202
5.403	-0.090	5.429	-0.098	5.448	-0.024	5.468	0.068	11.084	0.186	11.128	0.163	11.144	0.155	11.196	0.121
5.503	0.276	5.519	0.450	5.532	0.616	5.561	0.674	11.228	0.121	11.273	0.143	11.314	0.125	11.353	0.097
5.590	0.542	5.600	0.402	5.622	0.253	5.648	0.113	11.506	-0.331	11.557	-0.388	11.586	-0.418	11.624	-0.233
5.667	0.005	5.687	-0.085	5.712	-0.176	5.722	-0.342	11.643	-0.328	11.675	-0.411	11.707	-0.526	11.726	-0.658
5.741	-0.449	5.772	-0.523	5.788	-0.481	5.811	-0.356	11.752	-0.766	11.778	-0.931	11.816	-0.063	11.838	-1.178
5.833	-0.148	5.849	0.018	5.861	0.184	5.896	0.260	11.873	-1.261	11.905	-1.284	11.943	-1.283	11.978	-1.199
5.906	0.169	5.919	0.128	5.938	0.087	5.976	0.121	12.001	-1.132	12.030	-0.923	12.058	-0.914	12.093	-0.921
5.992	0.163	6.017	0.130	6.033	0.164	6.062	0.231	12.119	-0.848	12.167	-0.877	12.189	-0.818	12.218	-0.825
6.090	0.356	6.109	0.473	6.122	0.589	6.144	0.639	12.256	-0.870	12.294	-0.913	12.329	-0.879	12.371	-0.803
6.170	0.590	6.183	0.466	6.192	0.384	6.221	0.260	12.428	-0.694	12.472	-0.602	12.514	-0.476	12.544	-0.450
6.258	0.327	6.271	0.477	6.296	0.434	6.312	0.453	12.593	-0.399	12.593	-0.439	12.628	-0.496	12.654	-0.504
6.350	0.305	6.369	0.206	6.397	0.099	6.429	-0.017	12.689	-0.455	12.718	-0.311	12.746	-0.194	12.761	-0.044
6.442	-0.124	6.458	-0.223	6.476	-0.322	6.492	-0.455	12.810	-0.001	12.839	0.008	12.861	0.008	12.896	0.009
6.518	-0.587	6.533	-0.653	6.559	-0.594	6.578	-0.461	12.931	0.077	12.944	0.168	12.973	0.269	12.998	0.344
6.597	-0.361	6.615	-0.203	6.634	-0.053	6.641	0.047	13.037	0.370	13.062	0.346	13.104	0.347	13.139	0.430
6.672	0.105	6.691	0.189	6.723	0.256	6.743	0.273	13.174	0.539	13.216	0.672	13.251	0.738	13.270	0.747
6.762	0.215	6.790	0.124	6.803	0.033	6.826	-0.082	13.312	0.847	13.341	0.905	13.363	0.947	13.389	0.989
6.838	-0.190	6.858	-0.248	6.889	-0.289	6.909	0.169	13.418	0.940	13.443	0.898	13.472	0.899	13.508	0.982
6.931	-0.230	6.953	-0.147	6.979	0.044	6.998	0.169	13.565	1.082	13.598	1.174	13.642	1.183	13.694	1.175
7.024	0.252	7.046	0.336	7.062	0.311	7.088	0.245	13.729	1.134	13.768	1.118	13.803	1.110	13.848	1.060
7.110	0.171	7.135	0.121	7.183	0.072	7.209	0.114	13.893	1.011	13.925	0.912	13.958	0.846	13.996	0.768
7.251	0.189	7.286	0.256	7.312	0.198	7.347	0.082	14.025	0.755	14.076	0.689	14.128	0.648	14.167	0.582
7.369	0.041	7.392	0.016	7.433	-0.083	7.472	-0.215	14.205	0.474	14.237	0.358	14.279	0.251	14.336	0.151
7.498	-0.356	7.517	-0.406	7.546	-0.372	7.568	-0.306	14.365	0.069	14.357	0.061	14.439	0.053	14.477	0.020
7.594	-0.206	7.626	-0.156	7.645	-0.106	7.680	-0.106	14.510	-0.013	14.542	-0.079	14.596	-0.210	14.641	-0.343
7.725	-0.106	7.754	-0.089	7.767	-0.172	7.793	-0.288	14.667	-0.491	14.695	-0.599	14.718	-0.657	14.760	-0.706
7.806	-0.346	7.841	-0.437	7.877	-0.445	7.902	-0.403	14.792	-0.747	14.831	-0.804	14.863	-0.945	14.899	-1.060
7.928	-0.287	7.947	-0.204	7.973	-0.112	8.009	-0.012	14.925	-1.027	14.966	-0.927	15.031	-1.022	15.031	-0.959
8.031	0.120	8.057	0.129	8.080	0.088	8.099	-0.012	15.066	-0.999	15.118	-1.023	15.154	-1.022	15.208	-1.046
8.121	-0.070	8.147	-0.169	8.163	-0.210	8.189	-0.218	15.250	-1.086	15.305	-1.110	15.343	-1.060	15.382	-0.951
8.225	-0.110	8.241	0.031	8.270	0.139	8.289	0.280	15.404	-0.917	15.454	-0.908	15.488	-0.882	15.530	-0.848
8.322	0.363	8.334	0.330	8.357	0.231	8.367	0.131	15.552	-0.814	15.593	-0.764	15.630	-0.680	15.649	-0.621
8.376	0.065	8.406	-0.051	8.422	-0.059	8.451	-0.017	15.681	-0.513	15.710	-0.480	15.741	-0.413	15.786	-0.395
8.473	0.008	8.499	-0.008	8.535	-0.057	8.564	-0.164	15.827	-0.362	15.895	-0.278	15.925	-0.219	15.945	-0.152
8.599	-0.371	8.616	-0.454	8.628	-0.528	8.645	-0.536	15.989	-0.336	16.018	-0.322	16.068	-0.322	16.106	-0.373
8.680	-0.494	8.709	-0.469	8.735	-0.477	8.773	-0.567	16.160	-0.390	16.214	-0.490	16.256	-0.590	16.294	-0.691
8.782	-0.633	8.802	-0.666	8.843	-0.566	8.850	-0.467	16.335	-0.741	16.389	-0.883	16.418	-0.974	16.468	-1.058
8.872	-0.383	8.904	-0.291	8.939	-0.274	8.987	-0.247	16.500	-1.108	16.531	-1.150	16.602	-1.209	16.646	-1.077
9.003	-0.156	9.012	-0.089	9.054	0.028	9.064	0.111	16.500	-1.108	16.531	-1.150	16.602	-1.209	16.646	-1.077
9.089	0.211	9.118	0.311	9.156	0.379	9.179	0.296	16.691	1.011	16.739	0.945	16.825	0.813	16.879	0.731

16.956	0.642	17.023	0.494	17.093	0.404	17.135	0.339	25.499	0.226	25.535	0.252	25.599	0.286	25.663	0.313
17.163	0.340	17.215	0.333	17.247	0.275	17.288	0.202	25.718	0.331	25.763	0.332	25.796	0.333	25.818	0.317
17.340	0.137	17.388	0.071	17.420	0.080	17.455	0.090	25.857	0.309	25.893	0.277	25.938	0.269	25.986	0.294
17.497	0.066	17.529	0.000	17.567	-0.090	17.609	-0.180	26.028	0.295	26.090	0.329	26.154	0.354	26.205	0.305
17.660	-0.229	17.689	-0.295	17.734	-0.377	17.772	-0.475	26.242	0.330	26.271	0.330	26.306	0.331	26.345	0.306
17.807	-0.541	17.849	-0.590	17.887	-0.639	17.925	-0.688	26.587	0.259	26.629	0.258	26.668	0.208	26.713	0.183
17.957	-0.737	17.999	-0.770	18.028	-0.794	18.044	-0.818	26.842	0.199	26.897	0.174	26.968	0.124	27.007	0.107
18.082	-0.859	18.101	-0.950	18.123	-1.032	18.159	-1.085	26.965	0.032	26.982	0.007	27.076	-0.076	27.116	-0.101
18.187	-1.106	18.248	-1.072	18.271	-1.046	18.306	-0.963	26.964	-0.151	27.003	-0.168	27.048	-0.118	27.083	-0.126
18.335	-0.863	18.376	-0.771	18.392	-0.729	18.443	-0.628	27.125	-0.101	27.160	-0.101	27.202	-0.126	27.246	-0.134
18.469	-0.578	18.498	-0.552	18.552	-0.492	18.584	-0.425	27.310	-0.226	27.349	-0.259	27.387	-0.259	27.445	-0.234
18.619	-0.341	18.642	-0.265	18.683	-0.164	18.716	-0.130	27.480	-0.234	27.521	-0.234	27.572	-0.233	27.620	-0.233
18.755	-0.096	18.787	-0.053	18.816	-0.019	18.852	0.015	27.662	-0.249	27.700	-0.257	27.738	-0.232	27.764	-0.257
18.878	0.041	18.907	0.042	18.946	0.076	18.981	0.127	27.840	-0.323	27.887	-0.331	27.938	-0.322	27.989	-0.255
19.004	0.178	19.020	0.220	19.062	0.280	19.111	0.281	28.040	-0.255	28.100	-0.221	28.151	-0.221	28.230	-0.196
19.127	0.249	19.166	0.225	19.191	0.201	19.227	0.186	28.277	-0.198	28.344	-0.138	28.372	-0.121	28.429	-0.063
19.260	0.196	19.292	0.222	19.334	0.256	19.377	0.316	28.461	-0.029	28.521	-0.021	28.581	-0.021	28.631	0.013
19.403	0.350	19.435	0.426	19.471	0.469	19.497	0.486	28.663	0.046	28.713	0.129	28.761	0.146	28.802	0.205
19.536	0.496	19.581	0.538	19.604	0.539	19.653	0.582	28.869	0.197	28.935	0.181	29.001	0.173	29.052	0.157
19.691	0.633	19.724	0.675	19.756	0.734	19.808	0.835	29.112	0.183	29.163	0.185	29.204	0.203	29.252	0.179
19.824	0.901	19.850	0.935	19.879	0.944	19.924	0.912	29.303	0.206	29.351	0.216	29.398	0.226	29.446	0.194
19.950	0.813	19.989	0.740	20.018	0.683	20.040	0.642	29.475	0.187	29.523	0.197	29.580	0.199	29.628	0.193
20.082	0.610	20.124	0.528	20.157	0.462	20.189	0.413	29.691	0.154	29.746	0.131	29.800	0.075	29.839	0.060
20.228	0.355	20.267	0.339	20.302	0.306	20.338	0.248	29.893	0.037	29.951	-0.014	30.002	-0.015	30.053	-0.026
20.396	0.066	20.444	-0.041	20.480	-0.057	20.528	-0.082	30.091	-0.059	30.136	-0.059	30.197	-0.067	30.252	-0.075
20.574	-0.123	20.616	-0.205	20.667	-0.271	20.712	-0.279	30.287	-0.083	30.316	-0.091	30.364	-0.182	30.403	-0.191
20.770	-0.304	20.815	-0.303	20.866	-0.311	20.915	-0.327	30.458	-0.250	30.496	-0.252	30.538	-0.253	30.589	-0.254
20.934	-0.319	20.963	-0.310	21.001	-0.343	21.037	-0.410	30.638	-0.231	30.679	-0.241	30.725	-0.234	30.767	-0.202
21.081	-0.443	21.117	-0.467	21.146	-0.509	21.181	-0.509	30.818	-0.220	30.870	-0.205	30.906	-0.198	30.932	-0.199
21.213	-0.500	21.254	-0.484	21.282	-0.467	21.323	-0.500	30.971	-0.200	31.006	-0.201	31.042	-0.244	31.090	-0.212
21.345	-0.550	21.386	-0.599	21.421	-0.641	21.459	-0.674	31.162	-0.206	31.210	-0.182	31.272	-0.157	31.318	-0.116
21.497	-0.674	21.532	-0.657	21.582	-0.615	21.620	-0.574	31.347	-0.125	31.363	-0.125	31.406	-0.141	31.477	-0.092
21.649	-0.549	21.677	-0.482	21.731	-0.432	21.781	-0.399	31.520	-0.084	31.572	-0.010	31.595	-0.018	31.640	-0.009
21.819	-0.299	21.856	-0.216	21.888	-0.167	21.929	-0.075	31.702	-0.008	31.741	0.010	31.780	0.019	31.825	0.028
21.948	-0.034	21.998	-0.033	22.026	0.066	22.073	0.091	31.867	0.063	31.916	0.122	31.948	0.131	31.977	0.165
22.117	0.091	22.146	0.075	22.183	0.116	22.221	0.191	32.022	0.157	32.061	0.125	32.081	0.060	32.119	0.061
22.256	0.216	22.310	0.266	22.352	0.266	22.415	0.299	32.178	0.104	32.216	0.164	32.261	0.256	32.296	0.340
22.450	0.290	22.491	0.265	22.533	0.273	22.568	0.286	32.324	0.432	32.347	0.499	32.369	0.492	32.394	0.410
22.593	0.248	22.653	0.256	22.701	0.272	22.746	0.314	32.413	0.303	32.436	0.187	32.449	0.138	32.474	0.122
22.810	0.380	22.845	0.421	22.871	0.429	22.909	0.463	32.503	0.148	32.560	0.173	32.592	0.173	32.636	0.232
22.941	0.496	22.973	0.487	23.011	0.487	23.063	0.496	32.646	0.306	32.665	0.365	32.700	0.340	32.741	0.274
23.088	0.521	23.133	0.562	23.181	0.612	23.203	0.620	32.776	0.216	32.792	0.200	32.827	0.151	32.859	0.109
23.242	0.513	23.312	0.431	23.312	0.423	23.344	0.399	32.884	0.118	32.945	0.110	32.973	0.127	33.021	0.094
23.389	0.350	23.441	0.293	23.482	0.202	23.524	0.095	33.049	0.077	33.094	0.077	33.110	0.044	33.145	0.043
23.562	-0.004	23.601	-0.036	23.639	-0.077	23.668	-0.076	33.170	0.002	33.199	-0.023	33.221	-0.023	33.246	-0.023
23.723	-0.091	23.765	-0.198	23.806	-0.271	23.858	-0.328	33.275	-0.015	33.313	0.001	33.352	-0.016	33.393	-0.057
23.896	-0.360	23.932	-0.392	23.964	-0.383	23.999	-0.332	33.435	-0.099	33.476	-0.140	33.508	-0.157	33.543	-0.182
24.051	-0.289	24.086	-0.288	24.141	-0.278	24.186	-0.285	33.572	-0.173	33.600	-0.148	33.623	-0.123	33.645	-0.107
24.228	-0.317	24.286	-0.331	24.337	-0.363	24.379	-0.370	33.661	-0.090	33.687	-0.115	33.734	-0.148	33.757	-0.156
24.437	-0.368	24.489	-0.383	24.515	-0.399	24.554	-0.439	33.785	-0.181	33.824	-0.185	33.874	-0.205	33.916	-0.214
24.579	-0.463	24.621	-0.462	24.676	-0.435	24.702	-0.435	33.960	-0.222	34.018	-0.221	34.062	-0.230	34.120	-0.246
24.737	-0.434	24.789	-0.424	24.834	-0.381	24.876	-0.322	34.145	-0.254	34.174	-0.279	34.202	-0.295	34.231	-0.295
24.914	-0.287	24.930	-0.254	24.972	-0.236	24.994	-0.211	34.265	-0.320	34.269	-0.320	34.294	-0.295	34.322	-0.270
25.040	-0.151	25.065	-0.126	25.104	-0.124	25.139	-0.188	34.344	-0.229	34.366	-0.220	34.392	-0.220	34.420	-0.220
25.184	-0.139	25.239	-0.021	25.271	0.071	25.313	0.155	34.436	-0.220	34.455	-0.179	34.480	-0.154	34.499	-0.120
25.332	0.189	25.377	0.206	25.419	0.191	25.451	0.192	34.537	-0.087	34.562	-0.079	34.597	-0.079	34.612	-0.087

34.635	-0.078	34.672	-0.062	34.704	-0.045	34.745	-0.037	43.823	-0.149	43.878	-0.132	43.917	-0.124	43.963	-0.107
34.764	-0.012	34.795	-0.012	34.811	0.013	34.839	0.038	44.034	-0.090	44.073	-0.081	44.115	-0.048	44.153	-0.023
34.874	0.054	34.899	0.079	34.934	0.088	34.953	0.088	44.202	-0.014	44.238	0.003	44.289	0.020	44.344	0.036
34.997	0.088	35.038	0.088	35.082	0.088	35.110	0.079	44.412	0.079	44.468	0.037	44.509	0.046	44.564	0.054
35.161	0.079	35.199	0.088	35.227	0.088	35.269	0.088	44.603	0.079	44.648	0.121	44.690	0.156	44.732	0.188
35.307	0.104	35.342	0.137	35.377	0.146	35.416	0.146	44.771	0.188	44.833	0.188	44.875	0.196	44.924	0.213
35.457	0.154	35.499	0.212	35.534	0.195	35.563	0.220	44.982	0.213	45.047	0.213	45.109	0.214	45.170	0.205
35.598	0.220	35.632	0.212	35.652	0.187	35.678	0.187	45.216	0.214	45.248	0.231	45.300	0.239	45.343	0.231
35.704	0.187	35.733	0.220	35.771	0.245	35.801	0.262	45.395	0.190	45.450	0.157	45.502	0.124	45.548	0.115
35.830	0.278	35.865	0.262	35.891	0.253	35.933	0.245	45.603	0.091	45.658	0.058	45.707	0.058	45.745	0.050
35.978	0.220	36.036	0.204	36.091	0.187	36.130	0.154	45.784	0.050	45.826	0.025	45.871	0.009	45.923	-0.041
36.179	0.121	36.224	0.112	36.283	-0.012	36.349	-0.020	45.993	-0.082	46.042	-0.108	46.093	-0.101	46.161	-0.093
36.369	0.038	36.407	0.005	36.442	-0.012	36.475	-0.012	46.225	-0.083	46.296	-0.092	46.353	-0.101	46.414	-0.117
36.481	-0.020	36.517	-0.020	36.549	-0.012	36.578	-0.012	46.475	-0.118	46.507	-0.143	46.565	-0.151	46.629	-0.152
36.620	-0.045	36.652	-0.078	36.703	-0.111	36.742	-0.127	46.680	-0.143	46.725	-0.127	46.783	-0.127	46.851	-0.144
36.777	-0.152	36.810	-0.177	36.845	-0.176	36.877	-0.160	46.902	-0.169	46.964	-0.170	47.044	-0.145	47.105	-0.129
36.903	-0.151	36.941	-0.135	36.970	-0.143	37.006	-0.159	47.160	-0.105	47.234	-0.080	47.289	-0.064	47.324	-0.056
37.041	-0.184	37.083	-0.200	37.131	-0.216	37.173	-0.216	47.394	-0.040	47.439	-0.024	47.494	-0.001	47.542	0.001
37.218	-0.240	37.247	-0.247	37.286	-0.238	37.325	-0.213	47.587	-0.016	47.645	0.016	47.683	0.025	47.728	0.041
37.364	-0.212	37.383	-0.212	37.419	-0.203	37.461	-0.166	47.780	0.074	47.805	0.065	47.863	0.065	47.895	0.056
37.513	-0.201	37.548	-0.201	37.597	-0.183	37.639	-0.166	47.953	0.056	48.004	0.073	48.049	0.064	48.107	0.072
37.662	-0.132	37.694	-0.098	37.726	-0.081	37.755	-0.097	48.162	0.089	48.213	0.114	48.252	0.130	48.292	0.147
37.804	-0.087	37.839	-0.095	37.865	-0.077	37.897	-0.052	48.340	0.147	48.383	0.138	48.448	0.138	48.500	0.138
37.923	-0.026	37.968	-0.025	38.000	-0.024	38.045	-0.023	48.539	0.146	48.587	0.171	48.639	0.196	48.679	0.171
38.071	-0.022	38.116	0.012	38.149	0.046	38.200	0.047	48.724	0.146	48.760	0.137	48.802	0.112	48.848	0.112
38.242	0.048	38.281	0.065	38.319	0.082	38.358	0.107	48.890	0.079	48.942	0.078	49.007	0.070	49.068	0.061
38.386	0.116	38.435	0.133	38.470	0.142	38.524	0.184	49.153	0.044	49.205	0.036	49.237	0.002	49.279	-0.023
38.566	0.201	38.602	0.218	38.637	0.218	38.675	0.243	49.320	-0.023	49.356	-0.023	49.391	-0.023	49.420	-0.032
38.714	0.227	38.756	0.219	38.798	0.228	38.830	0.220	49.455	-0.065	49.497	-0.074	49.551	-0.091	49.586	-0.082
38.863	0.220	38.908	0.212	38.940	0.212	38.976	0.221	49.622	-0.083	49.660	-0.091	49.708	-0.059	49.750	-0.124
39.002	0.237	39.040	0.254	39.089	0.246	39.134	0.221	49.808	-0.125	49.872	-0.134	49.933	-0.133	49.971	-0.133
39.183	0.188	39.247	0.172	39.308	0.139	39.389	0.139	50.032	-0.133	50.064	-0.134	50.109	-0.134	50.154	-0.143
39.444	0.106	39.492	0.057	39.541	0.049	39.583	0.024	50.205	-0.142	50.254	-0.134	50.296	-0.126	50.341	-0.126
39.637	-0.009	39.655	-0.042	39.753	-0.058	39.801	-0.074	50.386	-0.126	50.425	-0.126	50.458	-0.109	50.496	-0.101
39.836	-0.062	39.852	-0.082	39.877	-0.107	39.912	-0.082	50.542	-0.092	50.600	-0.076	50.652	-0.059	50.704	-0.042
39.941	-0.081	39.976	-0.089	40.030	-0.106	40.078	-0.130	50.759	-0.025	50.805	-0.001	50.860	-0.000	50.902	0.008
40.132	-0.138	40.183	-0.154	40.231	-0.179	40.269	-0.203	50.938	0.041	50.981	0.075	51.003	0.099	51.029	0.108
40.301	-0.212	40.349	-0.211	40.378	-0.203	40.416	-0.202	51.069	0.116	51.130	0.108	51.176	0.116	51.225	0.125
40.454	-0.210	40.492	-0.219	40.540	-0.243	40.581	-0.268	51.276	0.124	51.334	0.124	51.393	0.139	51.422	0.139
40.604	-0.268	40.642	-0.276	40.680	-0.259	40.722	-0.234	51.454	0.139	51.486	0.130	51.535	0.113	51.580	0.104
40.757	-0.268	40.807	-0.175	40.842	-0.158	40.884	-0.142	51.638	0.095	51.690	0.069	51.747	0.068	51.791	0.068
40.931	-0.141	40.976	-0.133	41.024	-0.108	41.071	-0.083	51.832	0.067	51.883	0.067	51.931	0.066	51.972	0.065
41.119	-0.050	41.164	-0.008	41.202	0.025	41.252	0.067	52.032	0.056	52.076	0.047	52.137	0.029	52.184	0.029
41.284	0.091	41.328	0.108	41.363	0.124	41.408	0.157	52.235	0.028	52.276	0.027	52.330	0.026	52.388	0.017
41.449	0.149	41.496	0.157	41.541	0.165	41.586	0.198	52.426	0.025	52.477	-0.001	52.518	-0.010	52.569	-0.018
41.595	0.214	41.636	0.230	41.671	0.222	41.725	0.197	52.607	-0.026	52.636	-0.051	52.696	-0.084	52.757	-0.109
41.789	0.196	41.879	0.156	41.955	0.187	42.042	0.195	52.809	-0.108	52.860	-0.117	52.918	-0.133	52.979	-0.149
42.109	0.194	42.183	0.184	42.259	0.158	42.323	0.141	53.040	-0.158	53.105	-0.158	53.166	-0.157	53.233	-0.156
42.387	0.123	42.429	0.114	42.487	0.105	42.535	0.087	53.297	-0.172	53.355	-0.179	53.387	-0.154	53.425	-0.153
42.567	0.054	42.602	0.020	42.643	0.003	42.707	0.002	53.461	-0.153	53.512	-0.144	53.560	-0.135	53.611	-0.109
42.746	0.010	42.797	0.001	42.858	-0.016	42.902	-0.041	53.669	-0.100	53.698	-0.075	53.727	-0.074	53.765	-0.057
42.950	-0.075	42.992	-0.117	43.043	-0.159	43.094	-0.176	53.803	-0.040	53.861	-0.031	53.913	0.003	53.954	0.029
43.104	-0.176	43.139	-0.176	43.171	-0.160	43.206	-0.185	54.002	0.037	54.060	0.063	54.105	0.063	54.143	0.063
43.288	-0.186	43.309	-0.186	43.345	-0.186	43.384	-0.186	54.195	0.072	54.279	0.080	54.279	0.097	54.350	0.122
43.384	-0.202	43.477	-0.226	43.477	-0.251	43.532	-0.251	54.395	0.139	54.457	0.164	54.502	0.164	54.560	0.163
43.590	-0.250	43.633	-0.225	43.700	-0.208	43.759	-0.175	54.619	0.170	54.683	0.168	54.748	0.167	54.807	0.166

54.872	0.156	54.924	0.147	54.976	0.154	55.044	0.152	68.399	-0.109	68.444	-0.094	68.486	-0.096	68.558	-0.115
55.093	0.126	55.158	0.108	55.236	0.080	55.300	0.033	68.610	-0.125	68.691	-0.136	68.755	-0.130	68.829	-0.108
55.355	0.093	55.419	0.016	55.477	0.006	55.509	-0.020	68.891	-0.101	68.949	-0.094	69.023	-0.087	69.091	-0.064
55.564	-0.039	55.622	-0.057	55.687	-0.067	55.776	-0.104	69.149	-0.040	69.204	-0.041	69.265	-0.034	69.304	-0.035
55.862	-0.131	55.923	-0.133	55.968	-0.143	56.032	-0.145	69.345	-0.010	69.397	0.006	69.436	0.022	69.487	0.029
56.092	-0.138	56.156	-0.148	56.236	-0.142	56.310	-0.144	69.558	0.045	69.633	0.053	69.694	0.060	69.758	0.068
56.390	-0.124	56.467	-0.124	56.531	-0.110	56.586	-0.103	69.822	0.083	69.889	0.083	69.934	0.090	69.991	0.106
56.637	-0.105	56.698	-0.107	56.727	-0.100	56.788	-0.077	70.055	0.105	70.123	0.095	70.177	0.094	70.231	0.084
56.823	-0.070	56.868	-0.055	56.910	-0.031	56.967	-0.008	70.279	0.083	70.333	0.082	70.407	0.081	70.477	0.063
57.003	-0.001	57.048	0.005	57.083	0.004	57.122	0.028	70.547	0.061	70.598	0.035	70.665	0.034	70.713	0.033
57.163	0.052	57.202	0.075	57.237	0.074	57.285	0.073	70.758	0.032	70.807	0.015	70.868	-0.002	70.935	-0.003
57.330	0.071	57.371	0.103	57.416	0.118	57.464	0.150	70.987	-0.029	71.035	-0.022	71.077	-0.014	71.142	-0.015
57.509	0.140	57.557	0.122	57.605	0.120	57.640	0.144	71.215	-0.008	71.285	-0.001	71.374	-0.002	71.406	-0.002
57.672	0.160	57.711	0.167	57.752	0.166	57.801	0.141	71.473	-0.010	71.527	-0.011	71.617	-0.011	71.699	-0.011
57.839	0.132	57.894	0.140	57.958	0.139	58.009	0.130	71.781	-0.011	71.862	-0.012	71.862	-0.012	71.916	0.021
58.067	0.120	58.118	0.087	58.173	0.061	58.225	0.060	72.164	0.021	72.208	0.021	72.259	0.021	72.317	0.030
58.290	0.059	58.338	0.059	58.380	0.050	58.442	0.024	72.371	0.021	72.431	0.013	72.504	0.013	72.593	-0.004
58.494	-0.010	58.559	-0.043	58.617	-0.043	58.662	-0.043	72.685	-0.013	73.067	-0.048	73.109	-0.048	73.150	-0.048
58.724	-0.069	58.795	-0.110	58.875	-0.135	58.920	-0.135	73.198	-0.049	73.239	-0.049	73.303	-0.066		
58.975	-0.152	59.017	-0.165	59.046	-0.177	59.091	-0.159								
59.133	-0.144	59.168	-0.136	59.229	-0.145	59.258	-0.145								
59.303	-0.145	59.351	-0.145	59.425	-0.136	59.483	-0.120								
59.576	-0.087	59.627	-0.078	59.685	-0.070	59.737	-0.070								
59.809	-0.045	59.874	-0.045	59.936	-0.012	60.021	-0.004								
60.103	0.021	60.181	0.046	60.233	0.063	60.299	0.088								
60.381	0.112	60.430	0.137	60.462	0.162	60.541	0.187								
60.590	0.186	60.649	0.194	60.711	0.194	60.779	0.185								
60.858	0.185	60.916	0.151	60.962	0.151	61.004	0.151								
61.069	0.150	61.135	0.116	61.200	0.090	61.274	0.081								
61.351	0.055	61.429	0.045	61.497	0.011	61.571	-0.015								
61.652	-0.041	61.726	-0.051	61.803	-0.077	61.863	-0.069								
61.918	-0.070	61.972	-0.088	62.011	-0.097	62.071	-0.123								
62.132	-0.141	62.187	-0.159	62.261	-0.160	62.306	-0.161								
62.354	-0.162	62.402	-0.163	62.444	-0.164	62.495	-0.164								
62.556	-0.140	62.627	-0.108	62.685	-0.101	62.749	-0.077								
62.788	-0.069	62.836	-0.054	62.878	-0.021	62.930	-0.014								
62.978	0.011	63.039	0.026	63.091	0.050	63.165	0.066								
63.206	0.082	63.257	0.090	63.305	0.114	63.363	0.122								
63.423	0.121	63.484	0.112	63.547	0.103	63.611	0.086								
63.662	0.086	63.729	0.085	63.802	0.109	63.856	0.108								
63.929	0.107	64.002	0.106	64.072	0.121	64.123	0.120								
64.209	0.102	64.279	0.101	64.349	0.075	64.425	0.074								
64.495	0.072	64.562	0.038	64.601	0.029	64.674	-0.013								
64.731	-0.048	64.770	-0.041	64.808	-0.042	64.875	-0.044								
64.942	-0.054	65.012	-0.089	65.085	-0.108	65.162	-0.119								
65.242	-0.121	65.323	-0.122	65.408	-0.116	65.495	-0.117								
65.566	-0.119	65.641	-0.104	65.673	-0.096	65.741	-0.089								
65.799	-0.090	65.874	-0.092	65.929	-0.076	65.994	-0.059								
66.085	-0.034	66.166	-0.026	66.240	0.007	66.317	0.032								
66.372	0.040	66.433	0.065	66.520	0.073	66.584	0.065								
66.626	0.082	66.675	0.090	66.730	0.107	66.788	0.123								
66.847	0.107	66.919	0.107	66.994	0.106	67.069	0.106								
67.160	0.098	67.225	0.098	67.307	0.081	67.396	0.081								
67.462	0.072	67.544	0.063	67.632	0.054	67.724	0.037								
67.799	0.003	67.888	-0.006	67.986	-0.033	68.054	-0.035								
68.143	-0.061	68.217	-0.080	68.276	-0.089	68.334	-0.107								

7.000	0.116	7.013	0.207	7.026	0.316	7.045	0.366	11.333	-0.001	11.355	0.000	11.371	0.010	11.390	0.118
7.052	0.234	7.068	0.234	7.080	-0.022	7.106	-0.411	11.409	0.244	11.445	0.362	11.461	0.288	11.486	0.206
7.128	-0.675	7.144	-0.576	7.167	-0.352	7.186	0.262	11.512	0.108	11.528	-0.048	11.550	-0.147	11.579	-0.104
7.208	0.727	7.218	0.926	7.240	1.026	7.250	0.877	11.614	-0.110	11.630	-0.109	11.646	-0.046	11.665	0.092
7.288	0.380	7.317	-0.366	7.340	-0.904	7.356	-1.128	11.691	0.209	11.713	0.151	11.732	-0.022	11.773	-0.013
7.359	-1.269	7.394	-1.343	7.407	-1.111	7.436	-0.289	11.785	-0.062	11.805	-0.104	11.821	-0.169	11.844	-0.210
7.462	0.383	7.474	0.789	7.500	0.931	7.522	0.890	11.860	-0.110	11.882	-0.090	11.904	0.090	11.927	0.123
7.538	0.782	7.551	0.459	7.574	0.036	7.590	-0.295	11.946	0.066	11.974	0.025	11.994	0.034	12.013	0.059
7.609	-0.344	7.625	-0.369	7.641	-0.360	7.654	-0.219	12.051	0.019	12.070	-0.031	12.092	-0.063	12.112	-0.030
7.667	0.030	7.683	0.154	7.696	0.304	7.715	0.489	12.124	0.037	12.153	0.121	12.172	0.096	12.201	0.096
7.722	0.536	7.741	0.436	7.751	0.229	7.770	0.038	12.226	0.105	12.252	0.121	12.274	0.080	12.300	0.030
7.796	-0.360	7.821	-0.227	7.834	-0.036	7.860	0.038	12.325	0.097	12.341	0.168	12.357	0.238	12.379	0.263
7.866	0.163	7.876	0.370	7.895	0.469	7.915	0.337	12.408	0.255	12.430	0.172	12.452	-0.027	12.468	-0.085
7.928	-0.086	7.941	-0.468	7.976	-0.857	7.989	-0.832	12.491	-0.077	12.532	-0.093	12.548	-0.093	12.567	-0.010
8.011	-0.824	8.031	-0.857	8.040	-0.766	8.053	-0.600	12.583	0.139	12.599	0.272	12.634	0.364	12.659	0.306
8.069	-0.393	8.098	0.312	8.114	0.735	8.131	0.959	12.682	0.198	12.710	0.065	12.742	-0.034	12.768	-0.116
8.143	1.100	8.160	1.199	8.179	1.059	8.198	0.520	12.800	-0.174	12.813	-0.091	12.838	0.075	12.854	0.233
8.208	-0.019	8.218	-0.102	8.234	-0.159	8.250	-0.068	12.873	0.357	12.892	0.432	12.924	0.382	12.953	0.242
8.256	0.032	8.263	0.107	8.279	0.008	8.298	-0.158	12.988	0.109	13.010	0.060	13.026	0.068	13.052	0.002
8.321	-0.058	8.337	0.175	8.360	0.382	8.376	0.598	13.071	-0.031	13.093	-0.056	13.119	-0.022	13.135	0.044
8.392	0.698	8.418	0.541	8.437	0.376	8.450	0.177	13.160	0.144	13.173	0.227	13.192	0.277	13.208	0.244
8.457	0.003	8.470	-0.088	8.489	-0.104	8.505	-0.120	13.231	0.112	13.260	0.063	13.273	0.014	13.298	0.022
8.521	-0.236	8.531	-0.385	8.551	-0.509	8.567	-0.353	13.324	0.048	13.353	-0.018	13.379	-0.084	13.411	-0.116
8.583	-0.169	8.605	0.106	8.625	0.446	8.635	0.471	13.427	-0.041	13.449	0.092	13.465	0.241	13.491	0.350
8.644	0.566	8.657	0.612	8.676	0.563	8.705	0.440	13.520	0.284	13.542	0.152	13.568	-0.121	13.597	-0.353
8.734	0.134	8.759	0.152	8.766	0.111	8.785	0.120	13.619	-0.377	13.642	-0.319	13.655	-0.285	13.677	-0.193
8.801	0.079	8.814	0.055	8.836	0.047	8.862	0.015	13.687	-0.127	13.709	-0.076	13.725	-0.042	13.758	-0.082
8.874	0.024	8.890	0.050	8.906	-0.008	8.929	-0.156	13.780	-0.139	13.803	-0.147	13.835	-0.145	13.860	-0.161
8.941	-0.222	8.964	-0.138	8.977	0.003	8.989	0.120	13.912	-0.167	13.938	-0.133	13.963	-0.082	14.002	-0.031
8.999	0.270	9.008	0.353	9.031	0.321	9.056	0.237	14.018	0.028	14.041	0.095	14.057	0.138	14.079	0.072
9.063	0.380	9.072	0.488	9.098	0.407	9.111	0.299	14.092	0.015	14.111	-0.034	14.137	-0.083	14.163	0.009
9.127	-0.007	9.149	-0.404	9.155	-0.437	9.168	-0.478	14.182	0.068	14.198	0.110	14.220	0.144	14.243	0.111
9.188	-0.427	9.207	-0.344	9.223	-0.194	9.245	0.039	14.262	0.062	14.275	-0.020	14.300	-0.028	14.313	-0.052
9.258	0.172	9.271	0.214	9.287	0.198	9.316	0.207	14.329	0.006	14.342	0.081	14.361	0.173	14.381	0.215
9.326	0.307	9.348	0.540	9.351	0.639	9.371	0.706	14.416	0.175	14.429	0.076	14.454	-0.014	14.464	-0.080
9.390	0.608	9.412	0.252	9.444	-0.021	9.477	-0.119	14.480	-0.146	14.502	-0.203	14.525	-0.095	14.547	0.055
9.496	-0.027	9.521	0.156	9.544	0.281	9.566	0.373	14.570	0.180	14.586	0.239	14.611	0.273	14.631	0.232
9.579	0.415	9.589	0.440	9.611	0.445	9.631	0.342	14.653	0.092	14.672	-0.082	14.701	-0.181	14.718	-0.214
9.656	-0.055	9.676	-0.270	9.711	-0.345	9.724	-0.311	14.747	-0.173	14.763	-0.073	14.776	0.026	14.792	0.109
9.750	-0.286	9.776	-0.302	9.799	-0.219	9.815	-0.128	14.814	0.151	14.831	0.134	14.860	0.110	14.889	0.027
9.831	-0.045	9.857	0.047	9.880	0.122	9.906	0.014	14.903	-0.040	14.943	-0.048	14.992	-0.064	15.031	-0.014
9.922	-0.143	9.948	-0.275	9.961	-0.342	9.984	-0.303	15.069	0.044	15.085	0.086	15.124	0.111	15.166	0.053
10.010	-0.349	10.023	-0.283	10.045	-0.142	10.062	0.132	15.195	0.028	15.233	0.053	15.266	0.152	15.278	0.252
10.087	0.323	10.107	0.415	10.126	0.432	10.149	0.407	15.314	0.310	15.330	0.268	15.369	0.144	15.388	0.028
10.168	0.250	10.181	0.050	10.210	-0.107	10.233	-0.074	15.414	-0.072	15.446	-0.080	15.468	-0.039	15.497	0.044
10.259	-0.001	10.281	-0.050	10.304	-0.075	10.320	-0.141	15.523	0.152	15.536	-0.227	15.565	0.260	15.590	0.219
10.355	-0.208	10.371	-0.150	10.391	-0.051	10.420	0.040	15.616	0.144	15.648	-0.039	15.693	-0.113	15.734	-0.079
10.426	0.115	10.461	0.156	10.484	0.322	10.490	0.479	15.782	-0.012	15.813	0.088	15.832	0.163	15.855	0.230
10.523	0.587	10.555	0.445	10.565	0.039	10.587	0.268	15.877	0.280	15.905	0.189	15.937	0.082	15.959	0.008
10.613	-0.417	10.645	-0.484	10.667	-0.410	10.690	-0.285	15.985	-0.008	16.010	0.059	16.032	0.134	16.051	0.225
10.709	-0.193	10.735	-0.126	10.760	-0.159	10.785	-0.208	16.067	0.258	16.093	0.201	16.115	-0.110	16.143	-0.014
10.831	-0.124	10.843	-0.049	10.872	0.017	10.885	-0.098	16.169	-0.270	16.204	-0.369	16.226	-0.294	16.261	-0.003
10.920	-0.205	10.946	-0.271	10.965	-0.180	10.987	-0.055	16.283	0.254	16.309	0.371	16.337	0.272	16.366	0.065
11.000	-0.605	11.029	-0.021	11.055	-0.020	11.077	-0.111	16.404	-0.166	16.439	-0.405	16.464	-0.405	16.493	-0.313
11.103	-0.135	11.119	-0.077	11.160	-0.002	11.195	-0.025	16.518	-0.180	16.537	-0.006	16.553	0.160	16.569	0.202
11.240	-0.039	11.266	-0.062	11.291	-0.069	11.314	-0.035	16.588	0.244	16.613	0.170	16.639	0.013	16.664	-0.202

16.680	-0.351	16.703	-0.359	16.728	-0.284	16.747	-0.126	22.306	-0.061	22.328	-0.076	22.379	-0.041	22.401	0.051
16.782	0.182	16.795	0.265	16.818	0.315	16.843	0.241	22.436	0.078	22.478	0.088	22.503	0.114	22.528	0.049
16.865	0.051	16.881	-0.156	16.901	-0.280	16.923	-0.304	22.534	-0.050	22.579	-0.106	22.605	-0.138	22.643	-0.104
16.942	-0.246	16.961	-0.146	16.984	0.053	17.012	0.245	22.668	-0.036	22.700	0.006	22.732	0.031	22.758	0.015
17.035	0.270	17.064	0.279	17.089	0.205	17.102	0.089	22.777	-0.002	22.756	-0.035	22.838	-0.117	22.876	-0.108
17.124	-0.101	17.140	-0.242	17.166	-0.283	17.188	-0.316	22.927	-0.075	22.963	-0.033	22.988	-0.007	23.014	-0.032
17.204	-0.249	17.230	-0.124	17.246	-0.051	17.268	-0.316	23.046	-0.015	23.081	0.010	23.107	0.044	23.132	0.061
17.284	0.433	17.300	0.483	17.333	0.392	17.352	0.219	23.171	0.061	23.203	0.061	23.232	0.003	23.254	0.039
17.387	-0.096	17.406	-0.212	17.435	-0.277	17.470	-0.177	23.296	-0.072	23.325	-0.056	23.360	0.035	23.392	0.126
17.502	0.047	17.525	0.214	17.570	0.298	17.592	0.257	23.417	0.135	23.443	0.134	23.475	0.101	23.507	0.060
17.621	0.133	17.653	0.001	17.675	-0.148	17.695	-0.198	23.530	0.001	23.568	-0.073	23.600	-0.074	23.629	-0.065
17.730	-0.098	17.755	0.018	17.794	0.135	17.813	0.193	23.661	-0.049	23.693	-0.015	23.735	0.002	23.770	0.010
17.854	0.218	17.873	0.135	17.893	0.028	17.921	-0.130	23.796	-0.014	23.815	-0.030	23.841	-0.063	23.867	-0.104
17.963	-0.179	17.976	-0.071	18.001	0.070	18.014	0.103	23.889	-0.104	23.922	-0.004	23.954	-0.062	23.976	0.079
18.049	0.162	18.084	0.112	18.113	0.005	18.142	-0.128	24.008	0.063	24.041	0.005	24.069	-0.036	24.092	-0.052
18.177	-0.177	18.203	-0.103	18.228	-0.028	18.238	0.030	24.131	-0.018	24.160	0.040	24.182	0.115	24.227	0.174
18.257	0.063	18.283	0.072	18.315	0.039	18.327	0.072	24.241	0.059	24.301	-0.048	24.324	-0.089	24.353	-0.089
18.343	0.064	18.363	0.006	18.375	-0.036	18.395	-0.110	24.382	-0.022	24.414	0.078	24.430	0.162	24.456	0.237
18.423	-0.135	18.449	-0.126	18.462	-0.093	18.491	-0.010	24.482	-0.188	24.505	0.105	24.521	0.014	24.547	-0.118
18.503	0.056	18.519	0.114	18.542	0.164	18.558	0.181	24.572	-0.159	24.598	-0.133	24.624	-0.050	24.643	0.025
18.583	0.139	18.593	0.098	18.622	0.007	18.635	-0.093	24.692	0.084	24.714	0.084	24.743	0.051	24.775	0.018
18.651	-0.159	18.653	-0.175	18.706	-0.158	18.719	-0.092	24.804	0.002	24.846	-0.014	24.891	0.028	24.910	0.094
18.748	0.058	18.767	0.141	18.780	0.232	18.812	0.299	24.936	0.103	24.971	0.111	24.994	0.037	25.010	-0.013
18.838	0.341	18.855	0.275	18.867	0.205	18.880	0.101	25.049	-0.029	25.071	-0.012	25.100	0.079	25.123	0.121
18.897	0.027	18.906	-0.056	18.929	-0.097	18.955	-0.114	25.155	-0.154	25.177	0.154	25.216	0.046	25.241	-0.012
18.981	-0.064	19.000	0.036	19.023	0.103	19.045	0.178	25.254	-0.061	25.290	-0.078	25.309	-0.078	25.344	-0.053
19.071	0.211	19.091	0.203	19.113	0.129	19.136	0.046	25.380	0.013	25.399	0.055	25.418	0.080	25.447	0.030
19.152	-0.062	19.165	-0.186	19.191	-0.218	19.220	-0.185	25.463	-0.020	25.502	-0.036	25.534	-0.012	25.557	0.030
19.240	-0.093	19.253	-0.035	19.269	0.015	19.292	0.082	25.586	0.055	25.558	0.055	25.627	0.030	25.653	-0.012
19.318	0.091	19.334	0.083	19.363	-0.049	19.376	-0.096	25.676	-0.045	25.708	-0.062	25.731	-0.045	25.766	-0.020
19.399	-0.115	19.428	-0.089	19.464	-0.055	19.480	-0.071	25.782	0.013	25.805	0.029	25.834	0.079	25.860	0.062
19.513	-0.079	19.529	-0.070	19.568	-0.012	19.604	0.022	25.882	0.029	25.912	0.045	25.937	0.004	25.963	-0.046
19.617	-0.011	19.643	-0.126	19.662	-0.175	19.698	-0.216	26.002	-0.073	26.041	-0.096	26.067	-0.088	26.122	-0.055
19.727	-0.174	19.749	-0.074	19.769	0.018	19.798	0.076	26.141	-0.047	26.176	-0.047	26.231	-0.031	26.238	-0.023
19.811	0.110	19.836	0.085	19.856	0.028	19.878	-0.005	26.261	0.023	26.286	0.010	26.312	0.018	26.332	0.043
19.904	-0.038	19.940	-0.070	19.959	-0.103	19.992	-0.077	26.357	0.051	26.377	0.026	26.390	-0.016	26.403	-0.049
20.014	-0.002	20.034	0.065	20.056	0.098	20.079	0.124	26.425	-0.082	26.445	-0.091	26.477	-0.083	26.503	-0.017
20.114	0.083	20.137	0.025	20.163	-0.041	20.185	-0.082	26.522	0.008	26.542	0.049	26.567	0.074	26.597	0.049
20.205	-0.098	20.234	-0.073	20.256	-0.032	20.282	0.010	26.619	-0.001	26.645	-0.026	26.680	-0.059	26.713	-0.067
20.305	0.060	20.340	0.077	20.357	0.094	20.373	0.094	26.745	-0.042	26.774	0.016	26.803	0.075	26.828	0.116
20.408	0.069	20.441	0.036	20.473	-0.005	20.518	-0.038	26.854	0.100	26.880	0.050	26.905	0.009	26.931	-0.015
20.541	-0.037	20.563	-0.004	20.599	0.038	20.615	0.071	26.947	-0.048	26.986	-0.073	27.024	-0.089	27.060	-0.081
20.654	0.096	20.670	0.071	20.696	0.013	20.721	-0.028	27.082	-0.023	27.058	0.019	27.140	-0.069	27.172	0.003
20.760	0.305	20.785	0.039	20.811	0.072	20.843	0.037	27.204	-0.034	27.236	-0.062	27.262	-0.053	27.287	-0.002
20.875	0.064	20.901	0.039	20.940	0.006	20.975	0.039	27.303	0.081	27.332	0.090	27.354	0.091	27.383	0.083
21.003	0.064	21.026	0.073	21.058	0.073	21.084	0.040	27.418	0.018	27.447	-0.007	27.476	-0.006	27.517	-0.038
21.103	0.023	21.126	0.007	21.155	0.024	21.186	0.041	27.543	-0.037	27.581	-0.003	27.607	0.014	27.645	0.015
21.218	0.025	21.243	0.009	21.281	-0.015	21.316	-0.031	27.674	-0.009	27.696	-0.036	27.724	-0.041	27.759	-0.040
21.357	-0.030	21.382	-0.055	21.407	-0.062	21.442	-0.070	27.791	-0.064	27.826	0.034	27.848	0.095	27.874	0.095
21.480	-0.069	21.518	-0.052	21.546	-0.051	21.575	0.026	27.889	0.071	27.918	0.055	27.934	0.072	27.972	0.089
21.600	-0.017	21.632	0.050	21.657	0.084	21.688	0.044	27.994	0.090	28.020	0.090	28.051	0.075	28.067	0.067
21.713	0.012	21.758	-0.020	21.783	-0.043	21.814	-0.025	28.105	0.043	28.121	0.043	28.143	0.044	28.169	0.011
21.852	-0.032	21.874	0.002	21.912	0.062	21.930	0.104	28.197	-0.038	28.229	-0.038	28.273	-0.021	28.295	0.004
21.952	0.155	21.974	0.098	22.015	0.083	22.044	0.060	28.333	0.038	28.358	0.014	28.387	-0.019	28.422	-0.011
22.072	-0.014	22.103	-0.029	22.129	0.006	22.160	0.040	28.447	-0.019	28.463	-0.018	28.497	0.015	28.513	0.015
22.186	0.083	22.214	0.109	22.244	0.069	22.278	0.004	28.529	-0.001	28.576	-0.025	28.624	-0.025	28.659	-0.024

28.696	-0.016	28.725	0.034	28.741	0.042	28.763	0.067	34.803	0.044	34.847	-0.023	34.866	-0.031	34.892	-0.031
28.791	0.050	28.814	0.025	28.839	-0.025	28.861	-0.050	34.914	-0.023	34.942	0.035	34.973	0.076	35.002	0.076
28.896	0.058	28.924	0.050	28.956	-0.017	28.984	0.008	35.036	0.010	35.068	-0.057	35.096	-0.123	35.137	-0.132
29.029	-0.042	29.045	-0.084	29.079	-0.117	29.102	0.092	35.169	0.082	35.204	0.001	35.242	0.060	35.281	0.060
29.121	0.026	29.143	0.049	29.184	0.082	29.219	0.041	35.319	0.002	35.332	-0.056	35.383	-0.088	35.415	-0.055
29.248	0.008	29.267	0.033	29.299	-0.050	29.324	-0.050	35.457	-0.021	35.498	0.004	35.514	-0.004	35.549	-0.054
29.375	-0.016	29.410	0.005	29.452	0.050	29.477	-0.050	35.572	-0.095	35.597	-0.087	35.626	-0.037	35.651	0.013
29.509	0.048	29.550	-0.072	29.575	-0.056	29.601	-0.022	35.674	0.088	35.700	0.130	35.729	0.106	35.752	0.049
29.630	0.044	29.671	-0.086	29.703	0.054	29.729	-0.086	35.777	-0.050	35.797	0.150	35.823	-0.149	35.858	-0.146
29.745	-0.054	29.771	-0.111	29.793	-0.127	29.815	-0.086	35.907	-0.114	35.936	-0.055	35.962	0.036	35.991	0.070
29.854	-0.010	29.899	0.048	29.921	0.082	29.975	0.066	36.029	0.054	36.068	0.005	36.104	-0.044	36.133	-0.051
30.001	0.025	30.033	-0.016	30.068	-0.023	30.084	-0.006	36.178	-0.059	36.220	-0.041	36.275	-0.032	36.297	-0.073
30.142	0.044	30.180	0.045	30.206	0.020	30.232	-0.030	36.326	-0.072	36.391	-0.013	36.449	0.005	36.499	0.013
30.296	0.012	30.335	0.029	30.357	0.030	30.412	0.038	36.478	-0.011	36.523	-0.035	36.552	-0.035	36.581	-0.001
30.434	0.063	30.460	0.030	30.489	0.006	30.518	-0.011	36.635	0.025	36.661	0.026	36.684	-0.007	36.709	-0.065
30.576	-0.035	30.605	0.015	30.640	0.057	30.673	0.065	36.745	-0.065	36.774	-0.015	36.828	-0.006	36.867	0.003
30.695	0.074	30.718	0.074	30.747	0.075	30.770	0.050	36.899	0.011	36.922	0.028	36.957	0.061	36.979	0.061
30.792	-0.033	30.831	-0.040	30.889	-0.031	30.925	-0.031	37.012	0.053	37.028	0.037	37.047	-0.021	37.082	-0.045
30.951	0.027	30.967	0.036	30.993	0.028	31.028	-0.030	37.098	-0.062	37.124	-0.012	37.160	0.063	37.198	0.129
31.054	-0.038	31.103	-0.029	31.139	0.038	31.155	0.063	37.234	0.105	37.412	0.005	37.461	0.030	37.493	0.022
31.184	0.105	31.236	0.039	31.249	-0.027	31.279	-0.035	37.360	0.105	37.412	0.005	37.461	0.030	37.493	0.022
31.311	-0.059	31.337	-0.059	31.366	-0.026	31.386	0.041	37.535	-0.012	37.571	-0.003	37.596	0.022	37.639	0.038
31.422	0.191	31.441	0.224	31.453	0.166	31.474	0.108	37.680	-0.071	37.710	0.038	37.742	0.005	37.784	0.046
31.507	0.043	31.536	-0.032	31.555	-0.123	31.581	-0.156	37.797	-0.036	37.832	-0.028	37.855	0.005	37.884	-0.036
31.601	-0.097	31.621	-0.031	31.643	0.044	31.656	0.144	37.903	0.071	37.926	0.038	37.955	-0.003	37.977	-0.020
31.689	0.202	31.708	0.152	31.728	0.077	31.747	-0.022	38.003	-0.036	38.039	-0.028	38.074	0.022	38.116	0.005
31.760	-0.130	31.773	-0.188	31.783	-0.221	31.805	-0.230	38.151	0.005	38.177	-0.003	38.216	-0.011	38.245	-0.036
31.847	-0.172	31.860	-0.089	31.883	-0.015	31.909	0.076	38.283	-0.028	38.322	-0.027	38.363	0.022	38.386	0.031
31.935	0.093	31.964	0.068	31.980	0.018	32.003	-0.032	38.418	-0.023	38.460	-0.002	38.495	-0.027	38.540	-0.018
32.041	-0.090	32.067	-0.057	32.096	-0.007	32.135	0.042	38.578	-0.010	38.620	-0.026	38.668	-0.026	38.707	-0.026
32.158	0.059	32.193	0.042	32.209	0.058	32.221	0.017	38.743	-0.026	38.788	0.015	38.824	0.040	38.856	0.023
32.250	-0.058	32.269	-0.125	32.298	-0.076	32.320	-0.026	38.885	-0.027	38.911	-0.060	38.943	-0.069	38.969	0.023
32.349	-0.062	32.371	0.006	32.397	0.056	32.416	0.097	38.995	-0.044	39.040	0.006	39.066	0.039	39.095	0.030
32.438	0.122	32.464	0.063	32.476	-0.003	32.495	-0.095	39.124	-0.003	39.156	-0.061	39.198	-0.103	39.227	-0.079
32.508	-0.136	32.543	-0.162	32.565	-0.170	32.594	-0.079	39.256	-0.029	39.255	0.037	39.314	0.061	39.340	0.028
32.616	0.003	32.645	0.094	32.677	0.136	32.689	0.094	39.369	-0.014	39.401	-0.073	39.443	-0.106	39.466	-0.073
32.709	-0.020	32.740	-0.063	32.766	-0.063	32.797	-0.055	39.485	-0.032	39.511	0.026	39.547	0.025	39.569	0.017
32.820	-0.063	32.851	-0.072	32.874	-0.063	32.912	-0.080	39.608	-0.034	39.637	-0.100	39.666	-0.109	39.688	-0.101
32.924	-0.038	32.953	0.003	32.975	0.069	33.001	0.111	39.733	-0.009	39.768	0.057	39.806	0.091	39.832	0.066
33.023	0.127	33.045	0.086	33.058	0.028	33.077	-0.014	39.867	-0.017	39.918	-0.075	39.940	-0.075	39.969	-0.008
33.115	-0.014	33.134	-0.005	33.169	-0.051	33.191	0.030	39.998	0.033	40.042	0.058	40.061	0.034	40.100	0.001
33.220	-0.071	33.249	-0.005	33.268	0.062	33.290	0.070	40.125	-0.041	40.137	-0.049	40.198	-0.007	40.249	0.043
33.316	0.054	33.328	0.013	33.364	-0.070	33.392	-0.045	40.294	0.052	40.323	0.035	40.358	0.027	40.402	-0.014
33.421	-0.020	33.466	0.014	33.485	0.039	33.507	0.006	40.453	0.020	40.507	0.037	40.542	0.037	40.571	0.021
33.523	-0.002	33.558	-0.060	33.584	-0.076	33.609	-0.060	40.596	0.004	40.644	-0.003	40.695	-0.003	40.721	0.013
33.638	-0.001	33.651	0.057	33.686	0.082	33.708	0.107	40.746	0.038	40.771	0.038	40.797	0.038	40.848	0.005
33.733	0.107	33.759	0.041	33.775	0.008	33.813	-0.058	40.873	-0.012	40.927	-0.003	40.959	0.022	40.951	0.030
33.854	-0.058	33.889	-0.032	33.924	-0.024	33.956	-0.007	41.048	0.038	41.067	0.005	41.118	-0.028	41.162	-0.036
33.988	0.010	34.014	0.035	34.042	0.042	34.081	0.011	41.182	-0.019	41.226	0.023	41.245	0.031	41.277	-0.001
34.103	0.003	34.116	-0.022	34.135	-0.073	34.166	0.088	41.321	-0.025	41.359	-0.041	41.407	-0.040	41.445	-0.023
34.165	-0.047	34.211	0.011	34.229	0.053	34.248	0.059	41.486	0.002	41.521	-0.014	41.562	-0.030	41.600	-0.037
34.280	0.044	34.305	-0.014	34.321	-0.055	34.346	0.097	41.635	-0.020	41.676	-0.036	41.715	-0.060	41.747	-0.059
34.375	0.088	34.400	-0.005	34.419	0.061	34.438	0.111	41.791	-0.049	41.836	-0.023	41.865	-0.014	41.907	0.011
34.460	0.127	34.494	0.102	34.510	0.028	34.535	-0.039	41.945	0.004	41.993	-0.011	42.031	-0.002	42.057	-0.010
34.573	-0.088	34.602	-0.088	34.630	-0.063	34.677	-0.022	42.102	0.008	42.154	0.009	42.153	-0.007	42.182	-0.024
34.706	0.019	34.725	-0.052	34.753	0.069	34.778	0.069	42.214	-0.016	42.255	-0.024	42.278	-0.016	42.303	-0.016

42.348	-0.008	42.371	-0.008	42.393	-0.008	42.425	-0.042	50.779	0.024	50.805	0.03.	50.831	0.032	50.853	0.015
42.457	-0.042	42.483	-0.050	42.502	-0.042	42.527	-0.009	50.893	-0.010	50.922	-0.010	50.967	-0.034	50.997	-0.034
42.572	0.024	42.591	0.024	42.607	0.016	42.630	0.007	51.026	-0.034	51.075	-0.010	51.117	-0.001	51.150	0.015
42.668	-0.026	42.713	-0.052	42.735	-0.052	42.764	0.019	51.195	-0.008	51.244	-0.016	51.289	-0.015	51.321	-0.022
42.799	0.014	42.828	0.030	42.844	0.046	42.885	0.037	51.363	-0.005	51.395	-0.004	51.434	-0.004	51.454	-0.011
42.911	0.004	42.933	-0.038	42.965	-0.055	43.004	-0.022	51.512	-0.010	51.550	-0.009	51.589	-0.000	51.618	0.000
43.039	-0.006	43.058	0.010	43.093	0.018	43.125	0.018	51.644	-0.016	51.679	-0.024	51.704	-0.007	51.733	0.010
43.164	-0.007	43.206	0.009	43.238	0.017	43.286	0.017	51.765	0.010	51.784	0.018	51.819	0.010	51.847	0.002
43.328	0.001	43.396	0.001	43.425	-0.007	43.448	-0.007	51.882	-0.014	51.911	-0.030	51.952	-0.022	51.977	0.004
43.503	0.001	43.551	0.009	43.580	-0.016	43.613	-0.024	52.021	0.012	52.050	0.012	52.075	-0.021	52.110	-0.020
43.661	-0.007	43.719	0.009	43.745	0.000	43.774	-0.025	52.164	-0.020	52.186	-0.021	52.228	-0.022	52.266	-0.024
43.817	-0.050	43.846	-0.025	43.872	0.008	43.907	0.016	52.301	-0.017	52.342	-0.018	52.380	-0.019	52.431	-0.021
43.949	0.001	43.982	0.008	44.027	-0.017	44.050	-0.009	52.466	-0.030	52.504	-0.032	52.543	-0.008	52.581	-0.001
44.079	-0.041	44.121	0.016	44.153	0.040	44.189	0.016	52.622	0.014	52.647	-0.003	52.686	-0.004	52.731	-0.035
44.205	-0.017	44.244	-0.025	44.286	-0.058	44.321	-0.049	52.776	-0.041	52.831	-0.018	52.879	-0.011	52.918	-0.012
44.370	0.001	44.412	0.018	44.441	0.001	44.486	0.015	52.982	-0.023	53.033	-0.016	53.075	0.008	53.107	0.006
44.521	-0.006	44.550	-0.023	44.596	0.011	44.638	0.011	53.136	-0.003	53.188	-0.020	53.236	-0.021	53.300	0.011
44.670	-0.013	44.693	0.012	44.722	-0.012	44.764	-0.020	53.357	0.011	53.418	0.002	53.447	0.001	53.486	0.009
44.803	-0.011	44.845	0.015	44.878	0.023	44.920	0.057	53.524	0.017	53.556	0.002	53.585	-0.000	53.627	-0.026
44.949	0.016	44.982	-0.041	45.011	-0.099	45.034	-0.115	53.662	-0.001	53.710	-0.002	53.748	0.006	53.777	-0.011
45.063	-0.065	45.121	0.019	45.157	0.036	45.190	-0.006	53.813	-0.028	53.851	-0.029	53.902	-0.029	53.957	-0.005
45.219	-0.056	45.261	-0.082	45.307	-0.049	45.343	0.000	54.005	-0.003	54.046	-0.014	54.095	-0.032	54.146	-0.016
45.385	0.025	45.430	0.016	45.466	-0.009	45.499	-0.035	54.191	-0.009	54.246	-0.026	54.295	-0.036	54.356	-0.021
45.534	-0.027	45.567	-0.011	45.616	0.014	45.642	-0.012	54.388	-0.022	54.447	-0.015	54.489	-0.024	54.541	-0.025
45.693	0.046	45.748	-0.022	45.790	0.001	45.822	0.017	54.589	-0.027	54.638	-0.020	54.680	-0.029	54.716	-0.021
45.861	0.008	45.899	-0.031	45.928	-0.068	45.993	-0.053	54.761	-0.039	54.820	-0.032	54.852	-0.025	54.901	-0.001
46.031	-0.013	46.067	0.003	46.099	0.002	46.125	0.001	54.930	-0.027	54.973	-0.036	55.031	-0.021	55.086	-0.031
46.167	-0.016	46.199	-0.033	46.237	-0.033	46.279	-0.016	55.125	-0.032	55.177	-0.033	55.226	-0.033	55.261	-0.051
46.317	0.000	46.349	0.000	46.388	-0.000	46.429	-0.000	55.296	-0.043	55.329	-0.035	55.380	-0.044	55.409	-0.028
46.471	-0.017	46.516	-0.034	46.561	-0.034	46.593	-0.001	55.470	-0.004	55.506	-0.005	55.538	-0.005	55.570	-0.002
46.609	-0.001	46.660	-0.001	46.721	-0.018	46.750	-0.001	55.589	-0.006	55.622	-0.048	55.651	-0.065	55.702	-0.066
46.802	0.008	46.844	0.008	46.876	0.025	46.918	0.008	55.740	-0.041	55.775	-0.033	55.801	-0.034	55.830	-0.034
46.957	0.000	47.008	0.033	47.047	0.042	47.082	0.034	55.849	-0.034	55.877	-0.042	55.913	-0.034	55.938	-0.035
47.124	0.001	47.172	0.009	47.227	0.009	47.272	0.035	55.980	-0.043	56.021	-0.044	56.053	-0.036	56.101	-0.036
47.314	0.002	47.349	-0.023	47.384	0.002	47.416	-0.040	56.146	-0.003	56.171	-0.011	56.200	-0.028	56.236	-0.044
47.461	-0.031	47.535	0.002	47.574	0.003	47.612	-0.014	56.274	-0.044	56.313	-0.035	56.357	-0.018	56.393	-0.010
47.663	-0.055	47.702	-0.055	47.724	-0.055	47.789	-0.006	56.418	-0.034	56.444	-0.051	56.473	-0.050	56.521	-0.067
47.814	0.011	47.846	0.010	47.885	0.002	47.933	0.002	56.550	-0.025	56.575	-0.008	56.607	0.000	56.649	0.001
47.988	-0.007	48.023	-0.032	48.074	-0.032	48.139	-0.041	56.684	0.009	56.700	0.000	56.726	-0.008	56.752	-0.033
48.191	-0.033	48.239	-0.017	48.295	-0.001	48.343	0.006	56.781	-0.066	56.810	-0.050	56.829	-0.041	56.867	-0.008
48.376	-0.028	48.402	-0.020	48.447	0.004	48.473	-0.004	56.890	-0.000	56.909	0.016	56.922	-0.009	56.957	-0.042
48.532	-0.005	48.558	-0.014	48.610	-0.015	48.659	-0.007	56.993	-0.067	57.021	-0.042	57.050	-0.026	57.079	-0.001
48.714	-0.016	48.750	-0.024	48.789	-0.014	48.831	-0.016	57.098	-0.001	57.137	-0.001	57.159	0.015	57.191	-0.002
48.864	0.001	48.903	0.001	48.932	-0.041	48.984	-0.065	57.345	0.010	57.377	-0.029	57.415	-0.016	57.467	-0.008
49.033	-0.065	49.069	-0.041	49.085	-0.007	49.137	0.001	57.505	-0.052	57.537	-0.044	57.569	-0.045	57.588	-0.012
49.166	0.001	49.201	-0.024	49.236	-0.032	49.275	0.006	57.623	-0.013	57.652	-0.003	57.678	-0.022	57.700	-0.022
49.316	-0.006	49.368	0.011	49.406	0.020	49.445	-0.005	57.729	-0.047	57.761	-0.039	57.800	-0.048	57.819	0.002
49.474	-0.005	49.538	-0.004	49.583	0.021	49.583	0.021	57.845	0.001	57.890	-0.015	57.919	-0.016	57.944	-0.032
49.615	0.046	49.643	0.005	49.675	-0.005	49.714	-0.004	57.980	-0.024	58.000	-0.016	58.034	-0.058	58.057	-0.050
49.759	-0.004	49.804	0.004	49.852	0.029	49.884	0.037	58.082	-0.017	58.118	0.016	58.150	0.007	58.186	-0.026
49.924	0.029	49.961	0.037	49.986	0.028	50.009	0.003	58.215	-0.068	58.234	-0.068	58.267	-0.051	58.309	-0.002
50.034	0.003	50.099	0.036	50.143	0.069	50.185	0.027	58.341	0.015	58.380	0.015	58.396	-0.027	58.422	-0.060
50.221	0.019	50.244	-0.006	50.273	0.002	50.305	0.002	58.461	-0.054	58.490	-0.061	58.516	-0.027	58.552	-0.003
50.344	0.034	50.360	0.059	50.406	0.034	50.444	0.025	58.587	0.005	58.607	0.005	58.643	-0.020	58.668	-0.029
50.490	0.000	50.538	0.025	50.577	0.024	50.609	0.032	58.697	-0.054	58.733	-0.047	58.768	-0.023	58.797	-0.024
50.635	0.032	50.661	-0.001	50.700	-0.001	50.736	-0.001								

58.845	-0.017	58.874	-0.002	58.903	-0.027	58.936	-0.028	67.127	-0.012	67.147	-0.053	67.176	-0.045	67.225	-0.004
58.578	-0.046	59.000	-0.038	59.026	-0.031	59.048	-0.031	67.252	-0.004	67.281	0.020	67.321	-0.005	67.347	-0.013
59.081	-0.008	59.119	-0.005	59.158	-0.035	59.200	-0.044	67.390	-0.014	67.449	-0.006	67.468	-0.014	67.501	-0.006
59.222	-0.035	59.283	-0.039	59.334	-0.041	59.376	-0.042	67.531	-0.007	67.560	-0.007	67.600	-0.040	67.619	-0.016
59.424	-0.052	59.447	-0.053	59.469	-0.045	59.501	-0.046	67.636	-0.041	67.675	-0.017	67.714	-0.010	67.741	0.015
59.527	-0.047	59.559	-0.015	59.591	-0.016	59.607	-0.017	67.790	-0.013	67.819	-0.012	67.848	-0.021	67.875	-0.047
59.643	-0.018	59.662	-0.018	59.714	-0.019	59.734	-0.019	67.930	-0.023	67.973	0.001	67.989	0.009	68.054	-0.001
59.793	0.021	59.815	0.004	59.855	0.004	59.884	-0.005	68.080	-0.010	68.133	-0.020	68.172	-0.029	68.207	-0.021
59.920	-0.014	59.946	0.010	59.982	0.010	60.008	0.001	68.253	0.003	68.279	-0.006	68.295	-0.023	68.340	0.001
60.037	-0.008	60.086	-0.017	60.129	-0.009	60.168	-0.018	68.366	-0.024	68.405	-0.033	68.428	-0.025	68.457	-0.009
60.207	-0.018	60.273	-0.027	60.299	-0.011	60.348	-0.020	68.493	-0.001	68.522	-0.002	68.561	-0.011	68.616	-0.011
60.417	-0.004	60.446	-0.004	60.482	-0.021	60.498	-0.021	68.674	-0.004	68.687	-0.004	68.719	-0.029	68.755	-0.028
60.564	-0.005	60.616	-0.005	60.656	0.003	60.688	-0.014	68.800	-0.005	68.832	0.012	68.874	0.036	68.910	0.021
60.734	0.002	60.760	0.001	60.809	0.001	60.861	0.000	68.935	-0.002	68.961	-0.039	69.003	-0.006	69.042	0.018
60.890	-0.025	60.923	-0.017	60.965	-0.018	60.994	-0.010	69.077	0.026	69.116	0.026	69.168	-0.000	69.203	-0.001
61.037	-0.002	61.072	-0.011	61.095	-0.011	61.134	-0.012	69.235	-0.002	69.274	-0.011	69.322	-0.012	69.351	-0.013
61.157	-0.029	61.186	-0.029	61.225	-0.005	61.277	-0.006	69.387	-0.006	69.426	-0.007	69.461	-0.016	69.506	-0.017
61.303	-0.007	61.341	-0.008	61.370	-0.033	61.396	-0.034	69.555	-0.010	69.584	-0.010	69.616	-0.003	69.645	-0.004
61.422	-0.043	61.467	-0.043	61.496	-0.044	61.522	-0.028	69.683	-0.014	69.715	-0.015	69.747	0.009	69.802	-0.032
61.548	-0.012	61.587	-0.021	61.626	-0.022	61.667	-0.047	69.821	0.014	69.853	-0.020	69.879	-0.021	69.930	-0.023
61.706	-0.040	61.770	-0.041	61.808	-0.058	61.859	-0.051	70.003	0.008	70.039	0.023	70.077	0.005	70.151	-0.006
61.904	-0.051	61.952	-0.036	61.997	-0.053	62.048	-0.054	70.205	-0.000	70.240	-0.001	70.272	0.014	70.294	-0.003
62.083	-0.046	62.135	-0.022	62.167	-0.014	62.209	-0.032	70.339	0.020	70.371	0.035	70.409	-0.008	70.428	-0.008
62.237	-0.057	62.279	-0.058	62.327	-0.067	62.356	-0.051	70.454	-0.018	70.492	-0.011	70.530	0.013	70.553	0.020
62.376	-0.059	62.421	-0.060	62.446	-0.052	62.498	-0.028	70.594	0.018	70.613	0.026	70.642	0.017	70.684	0.016
62.520	-0.037	62.559	-0.046	62.591	-0.055	62.630	-0.064	70.729	-0.009	70.755	-0.001	70.787	-0.002	70.812	0.006
62.655	-0.056	62.688	-0.031	62.707	-0.015	62.740	-0.016	70.848	0.030	70.874	0.013	70.903	0.013	70.932	0.004
62.804	-0.033	62.833	-0.034	62.858	-0.042	62.894	-0.043	70.964	-0.030	71.003	-0.030	71.044	-0.023	71.083	-0.023
62.929	-0.019	62.958	-0.003	63.003	-0.012	63.039	-0.012	71.115	-0.007	71.160	-0.008	71.208	-0.009	71.268	-0.001
63.077	-0.021	63.100	-0.038	63.151	-0.038	63.190	-0.022	71.300	-0.001	71.348	-0.024	71.377	-0.027	71.415	-0.028
63.215	-0.013	63.241	-0.005	63.269	-0.021	63.288	-0.021	71.460	-0.036	71.498	-0.029	71.549	-0.029	71.574	-0.030
63.307	-0.038	63.346	-0.038	63.381	-0.037	63.435	-0.021	71.600	-0.038	71.628	-0.030	71.660	-0.014	71.679	-0.031
63.470	-0.004	63.505	-0.004	63.540	-0.028	63.575	-0.037	71.704	-0.031	71.735	-0.032	71.757	-0.065	71.779	-0.040
63.623	-0.012	63.655	-0.011	63.693	-0.003	63.731	0.006	71.808	-0.032	71.833	-0.024	71.877	-0.033	71.918	-0.034
63.779	-0.003	63.817	-0.002	63.852	0.006	63.893	0.006	71.965	-0.034	71.986	-0.010	72.034	-0.035	72.072	-0.036
63.934	-0.002	63.960	-0.002	63.985	-0.018	64.033	-0.010	72.097	-0.019	72.131	-0.036	72.182	-0.019	72.220	-0.035
64.081	-0.018	64.151	-0.043	64.202	-0.027	64.272	-0.020	72.261	-0.010	72.281	-0.019	72.306	-0.009	72.344	-0.009
64.310	-0.045	64.351	-0.037	64.386	-0.038	64.424	-0.038	72.370	-0.034	72.398	-0.009	72.446	-0.009	72.478	-0.009
64.453	-0.005	64.495	-0.006	64.533	-0.006	64.568	-0.023	72.510	0.000	72.551	0.000	72.611	0.001	72.640	-0.007
64.616	-0.024	64.657	-0.041	64.708	-0.042	64.765	-0.043	72.653	0.001	72.688	-0.015	72.716	0.001	72.754	0.001
64.797	-0.044	64.852	-0.044	64.887	-0.045	64.947	-0.029	72.783	0.018	72.821	0.018	72.856	0.002	72.891	0.002
64.973	-0.046	65.005	-0.047	65.043	-0.048	65.091	-0.048	72.923	0.002	72.969	0.027	72.980	0.036	73.015	0.011
65.132	-0.049	65.168	-0.041	65.216	-0.050	65.258	-0.042	73.050	-0.006	73.085	-0.005	73.111	0.003	73.120	-0.004
65.297	-0.051	65.339	-0.027	65.375	-0.027	65.407	-0.019	73.143	0.027	73.184	0.035	73.212	0.018	73.247	0.002
65.436	-0.036	65.491	-0.045	65.537	-0.029	65.575	-0.030	73.273	-0.007	73.305	-0.024	73.349	-0.016	73.365	0.017
65.621	0.011	65.643	-0.006	65.708	-0.023	65.747	-0.031								
65.780	-0.056	65.838	-0.007	65.880	-0.024	65.906	0.001								
65.948	0.000	65.997	0.025	66.036	-0.001	66.074	0.032								
66.104	0.024	66.136	0.007	66.175	0.006	66.207	-0.002								
66.252	0.005	66.294	0.030	66.320	0.029	66.374	0.021								
66.436	0.028	66.474	0.033	66.513	0.002	66.545	0.027								
66.590	0.018	66.616	0.034	66.632	0.042	66.668	0.025								
66.704	-0.033	66.730	-0.042	66.756	-0.033	66.785	-0.001								
66.808	-0.024	66.837	0.057	66.876	0.007	66.906	-0.018								
66.932	-0.068	66.941	-0.052	66.958	-0.052	66.980	-0.002								
67.013	0.022	67.046	0.039	67.068	0.030	67.094	0.022								

18031

71-062 SANTA FELICIA OUTLET WORKS 2/9/71 0600PST S08E

2807 POINTS 50.464 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2021 G/10.

[illegible]

6.361	-0.383	6.377	-0.361	6.396	-0.302	6.421	-0.226	10.025	0.141	10.031	0.229	10.046	0.235	10.058	0.305
6.441	-0.146	6.453	0.052	6.473	0.246	6.492	0.209	10.073	0.247	10.086	0.192	10.099	0.230	10.113	0.268
6.501	0.040	6.511	-0.217	6.520	-0.588	6.536	-0.681	10.126	0.314	10.138	0.310	10.154	0.235	10.163	0.129
6.549	-0.605	6.564	-0.402	6.578	-0.115	6.596	0.079	10.183	0.062	10.201	0.028	10.217	0.020	10.236	-0.047
6.613	0.020	6.631	-0.225	6.650	-0.347	6.669	-0.245	10.247	-0.127	10.265	0.081	10.280	0.122	10.296	0.198
6.681	-0.093	6.691	0.012	6.708	0.067	6.724	0.021	10.323	0.240	10.351	0.228	10.375	0.156	10.385	0.093
6.740	-0.093	6.757	-0.169	6.775	-0.118	6.794	-0.084	10.398	0.026	10.411	0.025	10.427	0.009	10.440	0.093
6.812	-0.013	6.835	0.110	6.854	0.135	6.873	0.122	10.458	0.169	10.479	0.131	10.500	-0.071	10.519	-0.155
6.893	0.097	6.909	0.097	6.936	0.110	6.948	0.080	10.535	-0.126	10.547	-0.008	10.563	0.064	10.579	0.005
6.961	0.026	6.983	-0.067	6.999	-0.012	7.012	0.055	10.592	-0.109	10.605	-0.176	10.621	-0.100	10.635	-0.050
7.026	0.102	7.040	0.089	7.059	0.064	7.080	0.085	10.648	0.009	10.663	0.005	10.679	0.041	10.688	-0.104
7.100	0.110	7.124	0.119	7.143	0.131	7.156	0.119	10.704	-0.071	10.727	-0.024	10.746	-0.058	10.769	-0.420
7.170	0.018	7.184	-0.282	7.200	-0.433	7.216	-0.328	10.785	-0.513	10.806	-0.450	10.831	-0.222	10.833	-0.104
7.229	-0.155	7.241	0.098	7.254	0.195	7.270	0.123	10.841	0.056	10.860	0.145	10.873	0.090	10.884	0.056
7.284	-0.176	7.299	-0.307	7.318	-0.231	7.329	-0.026	10.899	0.010	10.915	0.056	10.931	0.090	10.945	0.111
7.343	0.085	7.357	0.018	7.375	0.201	7.392	-0.285	10.961	0.069	10.981	-0.130	10.997	-0.189	11.013	-0.117
7.407	-0.222	7.426	-0.058	7.442	0.022	7.454	0.064	11.035	0.132	11.058	0.254	11.074	0.212	11.103	0.069
7.467	0.010	7.480	-0.037	7.496	-0.087	7.521	-0.138	11.119	0.014	11.141	0.119	11.160	0.317	11.181	0.452
7.548	-0.155	7.575	-0.180	7.594	-0.193	7.612	-0.222	11.195	0.364	11.221	-0.070	11.241	-0.138	11.257	-0.045
7.626	-0.167	7.645	-0.037	7.660	0.039	7.674	0.064	11.275	0.035	11.294	0.081	11.319	0.043	11.349	0.128
7.685	0.018	7.695	-0.045	7.711	-0.214	7.729	-0.256	11.372	0.090	11.386	-0.104	11.402	-0.193	11.416	-0.075
7.745	-0.201	7.768	-0.041	7.788	0.208	7.801	0.322	11.432	0.149	11.443	0.301	11.462	0.237	11.474	0.086
7.814	0.368	7.829	0.322	7.835	0.271	7.851	0.123	11.486	0.018	11.501	0.052	11.518	0.094	11.536	0.010
7.867	0.014	7.888	-0.028	7.906	0.005	7.919	0.035	11.552	-0.285	11.572	-0.425	11.588	-0.290	11.609	0.123
7.941	0.191	7.956	0.330	7.977	0.418	7.996	0.376	11.628	0.309	11.645	0.237	11.663	0.136	11.679	0.056
8.006	0.321	8.014	0.271	8.032	0.232	8.045	0.241	11.696	0.056	11.720	0.056	11.745	0.056	11.758	0.031
8.054	0.291	8.072	0.380	8.083	0.338	8.098	0.274	11.785	-0.134	11.805	-0.226	11.823	-0.235	11.839	-0.172
8.112	0.224	8.130	0.321	8.138	0.388	8.154	0.460	11.872	-0.066	11.892	-0.016	11.907	-0.058	11.930	-0.180
8.170	0.417	8.185	0.316	8.198	0.223	8.212	0.244	11.951	-0.218	11.970	-0.167	11.994	0.136	12.011	0.246
8.227	0.282	8.244	0.240	8.259	0.080	8.272	0.097	12.030	0.195	12.046	-0.028	12.062	-0.117	12.078	-0.045
8.285	-0.186	8.298	-0.140	8.314	-0.001	8.327	0.155	12.100	0.191	12.116	0.258	12.135	0.153	12.154	-0.011
8.343	0.252	8.359	0.218	8.370	0.058	8.383	-0.220	12.170	-0.070	12.189	-0.049	12.231	0.052	12.252	0.123
8.394	-0.351	8.406	-0.423	8.425	-0.347	8.440	-0.220	12.279	0.212	12.293	0.161	12.309	0.098	12.328	0.073
8.454	-0.035	8.470	0.062	8.486	0.045	8.504	-0.225	12.344	0.123	12.354	0.166	12.368	0.195	12.385	0.140
8.522	-0.504	8.536	-0.550	8.551	-0.491	8.564	-0.424	12.395	0.073	12.412	0.031	12.424	0.056	12.433	0.115
8.577	-0.361	8.588	-0.319	8.602	-0.348	8.614	-0.382	12.451	0.166	12.463	0.111	12.476	0.059	12.490	0.043
8.630	-0.445	8.652	-0.404	8.665	-0.235	8.679	0.018	12.506	0.098	12.519	0.136	12.533	0.170	12.547	0.098
8.695	0.123	8.708	0.072	8.724	-0.240	8.738	-0.375	12.560	0.010	12.577	-0.041	12.595	0.005	12.611	0.090
8.759	-0.308	8.778	0.105	8.794	0.282	8.808	0.248	12.633	0.136	12.652	0.069	12.671	-0.062	12.687	-0.113
8.824	0.168	8.848	-0.009	8.858	-0.039	8.877	0.012	12.703	-0.079	12.725	0.073	12.744	0.145	12.762	0.107
8.904	0.151	8.926	0.193	8.952	0.227	8.979	0.269	12.778	-0.041	12.794	-0.117	12.806	-0.108	12.837	-0.070
8.996	0.269	9.014	0.240	9.039	0.189	9.055	0.252	12.849	-0.070	12.860	-0.128	12.884	-0.280	12.908	-0.309
9.084	0.358	9.102	0.256	9.119	0.130	9.140	0.024	12.922	-0.267	12.934	-0.241	12.945	-0.212	12.953	-0.186
9.162	0.037	9.189	0.079	9.218	0.032	9.239	0.105	12.967	-0.203	12.984	-0.237	13.002	-0.211	13.016	-0.139
9.259	0.037	9.278	-0.085	9.298	-0.288	9.315	-0.380	13.029	-0.089	13.043	-0.055	13.069	-0.059	13.088	-0.025
9.334	-0.452	9.352	-0.380	9.368	-0.254	9.382	-0.157	13.111	-0.008	13.129	-0.058	13.151	-0.180	13.172	-0.196
9.411	-0.059	9.436	0.114	9.447	0.228	9.463	0.287	13.191	-0.141	13.244	-0.098	13.269	-0.047	13.285	-0.084
9.474	0.199	9.486	-0.050	9.500	-0.341	9.514	-0.450	13.308	-0.168	13.323	-0.219	13.341	-0.193	13.359	-0.100
9.532	-0.310	9.546	-0.172	9.562	-0.066	9.576	-0.129	13.368	-0.057	13.384	0.006	13.398	-0.015	13.418	-0.023
9.596	0.070	9.608	-0.352	9.626	-0.251	9.640	-0.057	13.435	-0.010	13.451	-0.009	13.464	-0.030	13.486	-0.105
9.658	-0.010	9.673	-0.069	9.686	-0.145	9.703	-0.225	13.507	-0.067	13.531	0.051	13.551	0.049	13.564	0.128
9.723	-0.275	9.740	-0.233	9.755	-0.174	9.769	-0.043	13.507	-0.067	13.531	0.051	13.551	0.049	13.564	0.128
9.787	0.046	9.808	0.033	9.828	0.017	9.844	0.051	13.637	0.149	13.650	0.099	13.671	-0.040	13.690	-0.061
9.858	0.182	9.873	0.249	9.884	0.215	9.900	0.001	13.706	-0.002	13.719	0.091	13.736	0.138	13.750	0.117
9.918	-0.100	9.933	-0.029	9.945	-0.106	9.962	0.170	13.773	0.058	13.789	0.012	13.811	0.088	13.827	0.168
9.974	0.086	9.987	-0.016	10.000	-0.053	10.010	0.010	13.844	0.261	13.857	0.232	13.884	-0.034	13.903	-0.122

13.922	-0.063	13.943	0.110	13.970	0.195	13.987	0.128	18.893	0.018	18.917	0.035	18.934	-0.020	18.954	-0.054
14.003	0.052	14.037	-0.020	14.067	-0.134	14.088	-0.180	18.971	-0.033	18.986	-0.003	19.005	0.043	19.023	0.001
14.107	-0.159	14.134	0.005	14.158	0.064	14.178	0.026	19.042	-0.028	19.072	-0.079	19.100	-0.033	19.129	-0.041
14.194	-0.028	14.212	-0.041	14.228	0.018	14.256	0.128	19.219	-0.041	19.250	-0.079	19.269	-0.100	19.286	-0.087
14.279	0.220	14.298	0.199	14.320	0.119	14.341	0.086	19.306	-0.020	19.326	0.018	19.349	-0.028	19.369	-0.037
14.373	0.128	14.404	0.102	14.425	0.086	14.444	0.094	19.388	-0.028	19.408	-0.011	19.430	-0.033	19.454	-0.083
14.457	0.102	14.473	0.086	14.498	0.073	14.508	0.090	19.471	-0.045	19.489	-0.024	19.506	-0.011	19.538	-0.003
14.519	0.102	14.543	0.123	14.562	0.090	14.576	-0.058	19.575	0.026	19.613	0.010	19.637	0.035	19.665	0.077
14.595	-0.130	14.613	-0.108	14.625	-0.070	14.648	-0.011	19.684	0.069	19.710	0.056	19.751	0.149	19.813	0.081
14.667	-0.028	14.693	-0.054	14.713	-0.024	14.724	0.035	19.852	0.136	19.908	0.005	19.949	0.090	20.003	0.020
14.756	0.056	14.777	0.073	14.806	0.077	14.829	0.052	20.060	0.005	20.077	0.005	20.095	-0.033	20.112	-0.058
14.848	-0.022	14.864	-0.041	14.885	-0.054	14.913	-0.033	20.129	-0.011	20.161	0.014	20.180	-0.016	20.195	-0.033
14.936	-0.011	14.965	0.018	14.987	0.005	15.012	-0.003	20.208	-0.049	20.225	-0.028	20.247	-0.012	20.267	-0.029
15.045	-0.007	15.073	0.018	15.086	0.043	15.107	0.102	20.286	-0.071	20.305	-0.101	20.322	-0.086	20.343	-0.055
15.126	0.157	15.142	0.136	15.162	0.081	15.178	0.035	20.359	-0.029	20.375	-0.042	20.397	-0.059	20.412	-0.080
15.194	-0.003	15.224	-0.016	15.243	-0.059	15.263	-0.122	20.423	-0.051	20.440	-0.017	20.460	0.004	20.476	-0.005
15.282	-0.109	15.308	-0.101	15.328	-0.118	15.351	-0.152	20.501	-0.051	20.520	-0.068	20.536	-0.048	20.557	0.011
15.368	-0.173	15.385	-0.148	15.409	-0.047	15.430	0.028	20.576	0.041	20.592	0.032	20.610	-0.031	20.624	-0.044
15.455	-0.010	15.477	-0.035	15.495	-0.077	15.513	-0.043	20.643	-0.015	20.664	0.037	20.694	0.103	20.712	0.094
15.528	-0.061	15.542	-0.040	15.555	-0.019	15.572	-0.044	20.733	0.039	20.749	0.018	20.762	0.031	20.768	0.030
15.586	-0.049	15.604	-0.066	15.619	-0.036	15.633	-0.007	20.783	0.064	20.808	0.037	20.821	0.059	20.834	0.034
15.646	0.027	15.662	-0.003	15.672	-0.024	15.689	-0.024	20.855	0.025	20.872	0.033	20.892	0.054	20.921	0.087
15.702	-0.012	15.722	0.047	15.746	0.081	15.769	0.055	20.938	0.066	20.956	0.036	20.975	-0.015	20.999	-0.015
15.781	-0.004	15.805	-0.047	15.836	-0.068	15.869	-0.069	21.022	-0.303	21.039	-0.034	21.057	-0.062	21.079	-0.101
15.890	-0.078	15.914	-0.095	15.932	-0.070	15.954	-0.075	21.099	-0.088	21.131	-0.063	21.131	-0.046	21.148	-0.068
15.972	-0.092	15.999	-0.134	16.023	-0.088	16.041	-0.042	21.175	-0.152	21.195	-0.173	21.212	-0.148	21.230	-0.110
16.056	-0.064	16.070	-0.089	16.086	-0.146	16.105	-0.115	21.263	-0.098	21.289	-0.094	21.316	-0.077	21.348	-0.082
16.118	-0.077	16.137	-0.056	16.150	-0.086	16.164	-0.129	21.374	-0.065	21.404	-0.048	21.444	-0.057	21.486	-0.036
16.183	-0.146	16.201	-0.062	16.226	-0.007	16.258	0.022	21.513	-0.045	21.556	-0.075	21.603	-0.104	21.623	-0.096
16.280	-0.030	16.311	-0.022	16.333	0.000	16.355	-0.038	21.647	-0.075	21.674	-0.054	21.693	-0.062	21.711	-0.087
16.398	-0.097	16.398	-0.055	16.412	-0.021	16.430	0.008	21.730	-0.108	21.744	-0.059	21.762	-0.028	21.776	0.001
16.466	0.020	16.488	0.037	16.512	0.045	16.536	0.020	21.813	0.014	21.827	0.018	21.847	0.031	21.865	0.060
16.558	0.003	16.571	0.041	16.608	0.074	16.633	0.040	21.881	0.039	21.897	0.005	21.936	-0.007	21.984	-0.029
16.671	-0.015	16.706	-0.083	16.728	-0.079	16.754	-0.028	22.041	-0.046	22.073	-0.072	22.113	-0.081	22.130	-0.081
16.781	-0.003	16.806	-0.028	16.820	-0.079	16.836	-0.100	22.156	-0.106	22.195	-0.077	22.233	-0.086	22.279	-0.065
16.852	-0.041	16.865	-0.097	16.880	0.039	16.899	0.031	22.309	-0.108	22.348	-0.108	22.382	-0.092	22.411	-0.088
16.926	-0.033	16.957	-0.045	16.982	-0.045	17.009	-0.066	22.446	-0.055	22.465	-0.072	22.484	-0.119	22.505	-0.165
17.033	-0.045	17.052	-0.020	17.077	0.005	17.103	0.005	22.519	-0.140	22.551	-0.082	22.573	-0.044	22.585	-0.074
17.134	-0.011	17.175	-0.024	17.204	-0.037	17.225	-0.049	22.620	-0.129	22.633	-0.159	22.649	-0.142	22.671	-0.122
17.244	-0.024	17.263	0.005	17.290	0.022	17.320	0.014	22.693	-0.088	22.719	-0.089	22.738	-0.076	22.776	0.007
17.342	0.001	17.369	-0.028	17.387	0.022	17.407	0.064	22.801	-0.018	22.834	-0.053	22.884	-0.032	22.934	-0.016
17.425	0.102	17.442	0.081	17.460	0.043	17.474	0.035	22.971	-0.004	23.012	0.025	23.033	0.021	23.071	0.013
17.498	0.064	17.517	0.094	17.534	0.073	17.555	0.035	23.088	0.059	23.122	0.110	23.163	0.119	23.207	0.127
17.569	-0.016	17.588	-0.011	17.612	0.014	17.634	0.039	23.240	0.128	23.270	0.115	23.298	0.073	23.326	0.014
17.656	0.039	17.686	0.077	17.715	0.102	17.734	0.077	23.377	0.027	23.405	-0.015	23.454	-0.053	23.494	-0.036
17.753	0.056	17.778	0.161	17.808	0.199	17.840	0.170	23.528	-0.018	23.547	-0.048	23.568	-0.068	23.585	-0.089
17.854	0.161	17.871	0.157	17.901	0.157	17.924	0.119	23.605	-0.047	23.629	-0.034	23.651	-0.046	23.675	-0.062
17.944	0.102	17.960	0.128	17.979	0.195	18.007	0.258	23.712	-0.041	23.832	-0.002	23.862	-0.010	23.896	0.032
18.023	0.229	18.061	0.123	18.080	0.107	18.094	0.119	23.937	0.074	23.981	0.108	24.007	0.121	24.029	0.108
18.128	0.145	18.153	0.111	18.180	0.052	18.199	0.014	24.072	0.159	24.115	0.171	24.156	0.176	24.192	0.138
18.220	0.031	18.251	0.069	18.269	0.056	18.302	0.014	24.252	0.222	24.271	0.188	24.305	0.129	24.350	0.108
18.328	0.039	18.350	0.052	18.374	0.022	18.407	0.010	24.397	0.075	24.468	0.045	24.512	0.036	24.564	0.044
18.482	-0.010	18.496	-0.020	18.517	-0.079	18.529	-0.108	24.589	0.078	24.609	0.048	24.631	0.035	24.662	0.044
18.556	-0.092	18.588	-0.083	18.607	-0.087	18.633	-0.066	24.701	0.056	24.738	0.072	24.778	0.089	24.825	0.097
18.654	-0.041	18.678	-0.079	18.705	-0.056	18.743	-0.117	24.869	0.109	24.964	0.100	25.015	0.108	25.051	0.087
18.775	-0.104	18.801	-0.079	18.824	-0.037	18.849	0.018	25.077	0.032	25.127	0.049	25.154	0.019	25.192	-0.036

25.298	-0.036	25.330	-0.083	25.358	-0.100	25.403	-0.079	31.264	0.099	31.277	0.116	31.309	0.112	31.330	0.099
25.445	-0.104	25.478	-0.116	25.522	-0.124	25.576	-0.128	31.337	0.099	31.386	0.107	31.401	0.103	31.415	0.094
25.659	-0.127	25.683	-0.135	25.702	-0.173	25.717	-0.181	31.439	0.086	31.459	0.094	31.471	0.090	31.491	0.077
25.736	-0.112	25.752	-0.143	25.774	-0.121	25.800	-0.134	31.505	0.103	31.528	0.107	31.545	0.094	31.562	0.078
25.823	-0.146	25.842	-0.137	25.872	-0.120	25.924	-0.107	31.576	0.057	31.600	0.032	31.619	0.065	31.639	0.069
25.967	-0.085	25.996	-0.055	26.036	-0.067	26.068	-0.079	31.652	0.061	31.660	0.036	31.679	0.032	31.701	0.040
26.087	-0.100	26.105	-0.091	26.138	-0.074	26.172	-0.090	31.721	0.049	31.737	0.044	31.755	0.032	31.767	0.015
26.204	-0.098	26.241	-0.136	26.296	-0.147	26.344	-0.172	31.780	0.011	31.800	0.005	31.814	0.011	31.824	0.011
26.394	-0.163	26.433	-0.164	26.462	-0.126	26.496	-0.135	31.832	0.003	31.849	-0.005	31.866	-0.001	31.880	0.008
26.525	-0.173	26.542	-0.164	26.562	-0.144	26.583	-0.123	31.896	0.016	31.914	0.016	31.927	0.008	31.948	0.012
26.604	-0.127	26.629	-0.131	26.654	-0.119	26.684	-0.090	31.962	0.017	31.967	0.012	31.986	0.004	32.009	-0.004
26.738	-0.081	26.778	-0.077	26.809	-0.044	26.848	-0.023	32.023	0.021	32.036	0.038	32.044	0.059	32.057	0.068
26.879	-0.024	26.918	-0.018	26.958	0.017	27.020	0.042	32.070	0.080	32.089	0.076	32.102	0.071	32.110	0.063
27.106	-0.040	27.141	0.031	27.180	0.064	27.213	0.051	32.121	0.050	32.133	0.050	32.152	0.058	32.163	0.062
27.276	0.071	27.333	0.100	27.395	0.095	27.482	0.095	32.179	0.066	32.193	0.070	32.210	0.074	32.219	0.065
27.570	0.086	27.616	0.124	27.670	0.111	27.749	0.119	32.230	0.061	32.237	0.048	32.251	0.039	32.270	0.047
27.809	0.132	27.852	0.128	27.897	0.094	28.071	0.094	32.275	0.051	32.286	0.059	32.290	0.072	32.296	0.080
28.141	0.102	28.191	0.043	28.254	0.081	28.288	0.052	32.307	0.092	32.317	0.096	32.326	0.079	32.338	0.066
28.324	0.039	28.362	0.035	28.407	0.014	28.466	0.010	32.354	0.057	32.366	0.040	32.384	0.027	32.408	0.022
28.510	0.018	28.529	0.001	28.564	-0.028	28.599	0.001	32.421	0.038	32.435	0.042	32.451	0.042	32.469	0.033
28.655	0.018	28.695	0.001	28.763	0.001	28.814	0.010	32.480	0.021	32.488	0.012	32.493	-0.000	32.506	-0.013
28.906	0.031	28.952	0.031	28.988	0.031	29.042	0.048	32.522	-0.013	32.530	-0.008	32.543	0.009	32.557	0.009
29.091	0.060	29.139	0.069	29.187	0.056	29.246	0.064	32.570	-0.004	32.578	-0.012	32.591	-0.033	32.594	-0.041
29.298	0.064	29.341	0.035	29.384	0.056	29.411	0.047	32.608	-0.041	32.619	-0.007	32.635	0.001	32.655	-0.003
29.464	-0.039	29.539	0.009	29.609	-0.008	29.637	0.000	32.666	-0.024	32.682	-0.057	32.690	-0.066	32.705	-0.074
29.649	-0.004	29.663	-0.021	29.679	-0.004	29.689	0.004	32.717	-0.057	32.723	-0.048	32.729	-0.031	32.744	-0.031
29.699	0.012	29.705	0.012	29.715	0.004	29.718	-0.005	32.748	-0.040	32.760	-0.048	32.769	-0.065	32.782	-0.077
29.723	-0.009	29.735	-0.018	29.748	-0.013	29.760	-0.018	32.798	-0.085	32.809	-0.072	32.831	-0.055	32.842	-0.071
29.769	-0.022	29.780	-0.022	29.793	-0.018	29.798	-0.018	32.857	-0.088	32.876	-0.100	32.882	-0.096	32.893	-0.070
29.814	-0.014	29.837	-0.010	29.851	-0.019	29.872	-0.015	32.901	-0.061	32.906	-0.053	32.914	-0.065	32.927	-0.070
29.891	-0.019	29.898	-0.023	29.914	-0.036	29.923	-0.049	32.938	-0.091	32.946	-0.099	32.954	-0.103	32.963	-0.103
29.936	-0.049	29.954	-0.036	29.967	-0.015	29.978	-0.002	32.970	-0.095	32.982	-0.086	32.992	-0.078	32.993	-0.070
29.991	-0.007	30.004	-0.015	30.010	-0.032	30.025	-0.045	33.016	-0.078	33.032	-0.086	33.046	-0.091	33.065	-0.082
30.039	-0.057	30.050	-0.066	30.079	-0.066	30.089	-0.053	33.078	-0.082	33.079	-0.086	33.097	-0.086	33.106	-0.086
30.102	-0.045	30.123	-0.028	30.135	-0.032	30.152	-0.036	33.119	-0.082	33.132	-0.078	33.148	-0.073	33.157	-0.052
30.164	-0.049	30.177	-0.053	30.182	-0.057	30.192	-0.056	33.170	-0.048	33.180	-0.053	33.195	-0.044	33.216	-0.044
30.197	-0.078	30.210	-0.095	30.222	-0.099	30.240	-0.095	33.240	-0.053	33.253	-0.053	33.270	-0.049	33.286	-0.053
30.256	-0.087	30.268	-0.087	30.287	-0.095	30.303	-0.104	33.296	-0.049	33.310	-0.040	33.313	-0.040	33.326	-0.032
30.319	-0.099	30.327	-0.108	30.332	-0.116	30.345	-0.129	33.332	-0.019	33.340	-0.011	33.353	-0.007	33.366	-0.007
30.358	-0.137	30.364	-0.150	30.377	-0.150	30.393	-0.150	33.394	-0.015	33.404	-0.028	33.415	-0.007	33.429	-0.003
30.409	-0.116	30.424	-0.104	30.435	-0.103	30.443	-0.120	33.447	0.010	33.463	0.018	33.472	0.022	33.493	0.026
30.449	-0.133	30.459	-0.137	30.466	-0.137	30.480	-0.137	33.514	0.022	33.530	0.014	33.546	0.001	33.557	-0.007
30.493	-0.115	30.501	-0.103	30.520	-0.094	30.540	-0.106	33.579	0.001	33.601	0.014	33.623	0.014	33.644	0.005
30.546	-0.119	30.551	-0.123	30.572	-0.114	30.585	-0.106	33.668	-0.003	33.695	0.001	33.711	0.010	33.718	0.014
30.598	-0.097	30.609	-0.093	30.619	-0.101	30.638	-0.096	33.727	0.022	33.740	0.031	33.761	0.048	33.775	0.048
30.654	-0.088	30.662	-0.079	30.675	-0.066	30.688	-0.062	33.783	0.035	33.793	0.026	33.806	0.014	33.830	0.005
30.705	-0.070	30.721	-0.066	30.733	-0.045	30.737	-0.032	33.842	0.014	33.861	0.022	33.871	0.010	33.881	-0.003
30.745	-0.011	30.758	-0.001	30.773	-0.001	30.784	-0.007	33.889	-0.007	33.908	-0.011	33.917	-0.016	33.930	-0.011
30.800	-0.024	30.814	-0.033	30.830	-0.041	30.847	-0.025	33.948	-0.007	33.959	-0.003	33.978	-0.020	33.991	-0.020
30.856	-0.029	30.867	-0.037	30.877	-0.042	30.891	-0.054	34.010	-0.037	34.029	-0.029	34.037	-0.024	34.053	-0.024
30.912	-0.059	30.925	-0.038	30.938	-0.026	30.952	-0.018	34.066	-0.041	34.085	-0.033	34.096	-0.029	34.112	-0.008
30.962	-0.031	30.983	-0.035	30.994	-0.031	31.009	-0.019	34.123	0.005	34.136	0.009	34.162	0.005	34.168	0.004
31.026	0.006	31.047	0.018	31.058	0.014	31.074	0.018	34.184	-0.021	34.195	-0.033	34.210	-0.025	34.229	-0.017
31.086	0.026	31.103	0.042	31.111	0.059	31.123	0.067	34.245	-0.013	34.256	-0.013	34.262	-0.017	34.272	-0.021
31.137	0.075	31.150	0.062	31.168	0.058	31.180	0.062	34.284	-0.030	34.296	-0.038	34.300	-0.042	34.308	-0.055
31.193	0.066	31.213	0.083	31.232	0.091	31.245	0.091	34.313	-0.055	34.316	-0.063	34.323	-0.080	34.327	-0.076

34.340	-0.072	34.355	-0.059	34.363	-0.059	34.375	-0.072	34.494	-0.011	37.513	-0.007	37.524	-0.010	37.539	0.010
34.388	-0.081	34.401	-0.072	34.410	-0.064	34.425	-0.055	37.555	-0.003	37.566	-0.007	37.585	-0.007	37.595	-0.016
34.436	-0.047	34.444	-0.034	34.468	-0.030	34.500	-0.026	37.603	-0.024	37.624	-0.028	37.635	-0.024	37.654	-0.011
34.520	-0.017	34.536	-0.034	34.563	-0.030	34.584	-0.025	37.669	0.001	37.685	-0.003	37.699	-0.001	37.707	-0.003
34.602	-0.029	34.621	-0.021	34.640	-0.020	34.667	-0.012	37.720	0.010	37.733	0.014	37.744	-0.011	37.755	-0.028
34.679	-0.028	34.692	-0.041	34.710	-0.028	34.727	-0.020	37.765	-0.045	37.776	-0.040	37.784	-0.019	37.797	-0.007
34.732	-0.015	34.748	-0.015	34.757	-0.011	34.770	0.010	37.804	0.006	37.816	0.019	37.823	-0.027	37.836	0.015
34.789	0.006	34.800	0.015	34.813	0.028	34.830	0.028	37.847	0.002	37.860	-0.015	37.871	-0.036	37.887	0.018
34.852	0.020	34.863	0.032	34.882	0.041	34.913	0.041	37.906	-0.011	37.922	-0.023	37.934	-0.040	37.961	-0.032
34.927	0.033	34.951	0.041	34.970	0.028	34.986	-0.001	37.969	-0.019	37.977	-0.006	37.990	-0.006	38.001	-0.023
35.003	0.007	35.022	0.045	35.036	0.053	35.052	0.040	38.019	-0.044	38.022	-0.049	38.038	-0.061	38.059	-0.065
35.060	0.036	35.081	-0.015	35.098	-0.040	35.106	-0.015	38.072	-0.053	38.096	-0.049	38.117	-0.045	38.134	-0.033
35.122	0.010	35.136	0.010	35.157	-0.019	35.179	0.002	38.152	-0.025	38.168	-0.025	38.181	-0.017	38.199	0.004
35.192	0.010	35.211	0.006	35.230	-0.003	35.243	0.003	38.208	0.012	38.220	0.024	38.232	0.020	38.244	0.003
35.256	0.005	35.270	0.014	35.288	0.009	35.302	-0.008	38.261	-0.010	38.271	-0.023	38.303	-0.020	38.311	-0.003
35.323	-0.012	35.342	0.001	35.347	0.009	35.363	0.009	38.334	0.009	38.348	0.013	38.369	-0.004	38.400	0.004
35.382	-0.004	35.399	-0.021	35.409	-0.025	35.431	-0.037	38.423	0.012	38.439	0.020	38.463	0.015	38.484	0.010
35.442	-0.037	35.450	-0.042	35.470	-0.054	35.495	-0.063	38.509	0.027	38.513	0.035	38.522	0.044	38.529	0.065
35.514	-0.054	35.532	-0.059	35.549	-0.054	35.559	-0.050	38.546	0.061	38.561	0.044	38.567	0.027	38.582	0.014
35.570	-0.042	35.581	-0.038	35.594	-0.054	35.608	-0.058	38.595	0.018	38.630	0.035	38.643	0.052	38.675	0.044
35.626	0.001	35.640	-0.006	35.653	-0.019	35.666	-0.035	38.690	0.027	38.711	0.019	38.722	0.027	38.733	0.027
35.677	-0.035	35.691	-0.026	35.696	-0.017	35.707	-0.000	38.756	0.019	38.787	0.027	38.804	0.015	38.812	0.006
35.730	0.018	35.752	0.006	35.766	0.006	35.779	0.019	38.832	0.006	38.846	0.006	38.862	0.002	38.871	0.002
35.789	0.019	35.805	0.012	35.814	0.012	35.834	0.013	38.880	0.011	38.890	0.015	38.916	0.011	38.925	-0.002
35.846	0.009	35.857	0.001	35.865	-0.012	35.886	-0.032	38.940	-0.006	38.959	-0.027	38.980	-0.018	39.001	-0.031
35.901	-0.028	35.915	-0.002	35.923	0.019	35.928	0.031	39.025	-0.039	39.042	-0.031	39.058	-0.022	39.066	-0.018
35.942	0.057	35.960	0.057	35.973	0.040	35.979	0.019	39.092	-0.005	39.106	-0.022	39.124	-0.035	39.148	-0.026
35.988	0.006	35.998	-0.002	36.011	-0.010	36.028	-0.023	39.172	-0.014	39.206	-0.035	39.224	-0.043	39.243	-0.039
36.038	0.006	36.051	0.028	36.056	0.032	36.068	0.045	39.257	-0.039	39.269	-0.030	39.294	-0.022	39.322	-0.030
36.076	0.053	36.092	0.057	36.102	0.049	36.115	0.024	39.339	-0.021	39.349	-0.008	39.375	-0.004	39.402	-0.016
36.126	-0.007	36.134	-0.006	36.150	-0.014	36.159	-0.006	39.418	-0.024	39.438	-0.028	39.452	-0.028	39.476	-0.019
36.164	-0.002	36.175	0.011	36.186	0.024	36.197	0.024	39.507	-0.010	39.526	-0.018	39.544	-0.028	39.558	-0.056
36.204	0.011	36.217	-0.006	36.228	-0.014	36.239	-0.014	39.573	-0.072	39.594	-0.068	39.611	-0.042	39.623	-0.034
36.253	0.007	36.267	0.019	36.274	0.032	36.286	0.040	39.637	-0.008	39.661	-0.008	39.682	-0.016	39.700	-0.033
36.299	0.053	36.315	0.040	36.329	0.032	36.339	0.024	39.708	-0.037	39.729	-0.045	39.751	-0.041	39.767	0.006
36.347	0.015	36.356	0.007	36.369	-0.019	36.382	-0.035	39.778	0.014	39.786	0.019	39.799	0.019	39.812	0.002
36.399	-0.040	36.410	-0.010	36.418	-0.006	36.425	0.007	39.818	-0.027	39.836	-0.053	39.847	-0.052	39.860	-0.023
36.436	0.024	36.449	0.032	36.461	0.019	36.477	0.007	39.873	-0.010	39.879	-0.006	39.899	-0.015	39.921	-0.005
36.503	0.015	36.512	0.007	36.531	0.011	36.549	0.034	40.016	-0.022	40.035	-0.030	40.046	-0.030	40.061	-0.030
36.560	0.024	36.574	0.012	36.592	-0.009	36.614	0.004	40.091	0.016	40.101	-0.001	40.114	-0.009	40.125	-0.014
36.623	-0.005	36.628	-0.013	36.643	-0.026	36.659	-0.017	40.212	-0.005	40.223	-0.018	40.249	-0.018	40.268	-0.005
36.667	-0.004	36.675	0.013	36.684	0.034	36.689	0.034	40.284	-0.001	40.297	0.008	40.320	-0.009	40.334	-0.009
36.700	0.047	36.713	0.043	36.718	0.034	36.729	0.032	40.344	0.008	40.365	0.025	40.381	0.033	40.402	0.042
36.737	0.009	36.751	0.001	36.764	0.022	36.777	0.030	40.428	0.037	40.447	0.038	40.468	0.029	40.490	0.046
36.787	0.043	36.806	0.047	36.825	0.039	36.838	0.018	40.511	0.029	40.516	0.025	40.530	0.013	40.545	0.013
36.852	0.018	36.870	0.031	36.878	0.039	36.884	0.052	40.551	0.013	40.564	0.038	40.580	0.055	40.587	0.060
36.897	0.052	36.905	0.035	36.918	0.014	36.931	-0.011	40.600	0.064	40.613	0.043	40.621	0.034	40.632	0.026
36.998	-0.003	36.983	0.005	36.974	0.021	37.039	0.010	40.641	0.018	40.654	0.018	40.666	0.022	40.678	0.026
37.054	-0.003	37.076	-0.020	37.087	-0.016	37.100	-0.007	40.691	0.018	40.702	0.010	40.715	0.006	40.723	0.006
37.115	0.060	37.127	0.010	37.140	0.026	37.158	0.036	40.736	0.006	40.747	0.019	40.760	0.031	40.775	0.027
37.182	0.060	37.206	0.052	37.224	0.043	37.243	0.039	40.786	0.010	40.800	-0.002	40.808	-0.010	40.816	-0.006
37.254	0.018	37.259	0.010	37.272	0.001	37.294	0.001	40.831	0.015	40.844	0.024	40.853	0.028	40.853	0.032
37.309	-0.020	37.328	-0.016	37.343	0.005	37.357	0.014	40.868	0.020	40.877	0.007	40.882	0.003	40.889	-0.010
37.372	0.005	37.396	0.022	37.410	0.035	37.429	0.035	40.895	-0.022	40.902	-0.026	40.908	-0.035	40.918	-0.039
37.442	0.018	37.447	0.005	37.463	-0.020	37.473	-0.024								

40.932	-0.018	40.940	-0.009	40.959	0.008	40.974	0.004	44.083	-0.015	44.104	0.002	44.117	0.011	44.139	0.015
40.980	-0.005	40.995	-0.013	41.011	-0.009	41.025	-0.004	44.147	-0.006	44.160	-0.002	44.172	0.015	44.185	-0.015
41.040	-0.017	41.051	-0.029	41.064	-0.042	41.072	-0.055	44.204	-0.011	44.219	0.010	44.230	0.019	44.249	0.027
41.088	-0.055	41.104	-0.042	41.113	-0.030	41.126	-0.008	44.262	0.019	44.272	0.006	44.283	0.002	44.301	0.010
41.141	-0.008	41.149	-0.008	41.166	-0.017	41.179	-0.025	44.311	0.023	44.329	0.018	44.345	0.010	44.360	-0.003
41.198	-0.034	41.217	-0.034	41.228	-0.021	41.235	-0.017	44.373	-0.016	44.390	-0.020	44.400	0.020	44.413	-0.007
41.249	-0.004	41.268	-0.013	41.283	-0.023	41.295	-0.034	44.418	-0.003	44.437	0.005	44.450	-0.003	44.463	-0.011
41.324	-0.039	41.340	-0.035	41.351	-0.023	41.367	-0.010	44.476	-0.024	44.488	-0.033	44.509	-0.037	44.528	-0.024
41.381	-0.010	41.394	-0.023	41.410	-0.028	41.423	-0.024	44.546	-0.033	44.563	-0.033	44.583	-0.016	44.608	-0.016
41.434	-0.011	41.450	0.001	41.461	0.005	41.472	0.005	44.630	-0.021	44.645	-0.021	44.664	-0.004	44.684	0.000
41.482	-0.000	41.493	0.009	41.501	0.017	41.514	0.021	44.698	-0.017	44.718	-0.017	44.734	-0.004	44.747	0.008
41.523	0.021	41.539	0.029	41.544	0.020	41.554	0.012	44.761	0.017	44.774	0.004	44.792	-0.013	44.807	-0.026
41.562	0.011	41.571	0.015	41.578	0.024	41.587	0.028	44.820	-0.000	44.834	0.016	44.857	0.029	44.870	0.016
41.605	0.023	41.614	0.032	41.627	0.044	41.641	0.027	44.884	0.008	44.899	-0.005	44.912	-0.005	44.933	-0.005
41.646	0.010	41.669	0.014	41.683	0.009	41.696	0.009	44.951	0.003	44.977	0.003	44.986	0.020	45.017	0.033
41.713	0.018	41.729	0.005	41.736	-0.004	41.752	-0.004	45.035	0.029	45.059	0.016	45.080	0.021	45.105	0.029
41.760	0.000	41.774	0.009	41.780	0.009	41.804	0.009	45.124	0.025	45.143	0.034	45.161	0.029	45.177	0.029
41.816	0.004	41.836	-0.008	41.848	0.004	41.854	0.004	45.195	0.034	45.214	-0.004	45.238	0.030	45.264	0.013
41.871	0.009	41.883	0.026	41.892	0.022	41.900	0.017	45.281	0.000	45.299	-0.004	45.310	0.000	45.321	0.013
41.913	0.009	41.923	0.001	41.931	-0.007	41.940	-0.003	45.329	0.013	45.350	0.013	45.360	0.005	45.382	-0.008
41.950	0.006	41.964	0.014	41.977	0.002	41.985	0.006	45.393	-0.008	45.416	0.001	45.440	0.001	45.451	-0.007
42.006	0.015	42.017	0.023	42.036	0.036	42.052	0.041	45.465	-0.020	45.485	-0.028	45.501	-0.028	45.517	-0.024
42.060	0.032	42.082	0.024	42.103	0.033	42.113	0.020	45.542	-0.024	45.553	-0.037	45.569	-0.037	45.589	-0.036
42.125	0.016	42.145	0.003	42.162	0.020	42.172	0.011	45.603	-0.045	45.611	-0.053	45.627	-0.057	45.645	-0.057
42.173	0.011	42.186	0.024	42.193	0.011	42.205	0.007	45.659	-0.057	45.680	-0.040	45.699	-0.044	45.714	-0.044
42.223	0.015	42.226	0.015	42.239	0.023	42.250	0.028	45.737	-0.032	45.749	-0.023	45.764	-0.015	45.781	-0.015
42.277	0.040	42.292	0.032	42.306	0.019	42.311	0.002	45.800	-0.027	45.826	-0.036	45.842	-0.019	45.864	-0.019
42.319	-0.002	42.335	0.006	42.367	0.014	42.386	0.014	45.876	-0.023	45.897	-0.023	45.910	-0.023	45.934	-0.022
42.400	0.001	42.410	-0.011	42.429	-0.011	42.445	-0.002	45.953	-0.018	45.973	-0.018	45.978	-0.027	45.997	-0.031
42.458	0.010	42.475	0.010	42.494	0.006	42.509	0.011	46.018	-0.026	46.037	-0.031	46.054	-0.026	46.070	-0.022
42.526	0.011	42.536	0.007	42.550	0.003	42.570	0.007	46.088	-0.013	46.103	-0.013	46.134	-0.013	46.147	-0.009
42.584	0.011	42.598	0.003	42.613	0.003	42.630	0.003	46.162	-0.009	46.189	-0.005	46.202	-0.000	46.220	-0.009
42.649	-0.001	42.670	0.012	42.686	0.020	42.707	0.021	46.242	-0.004	46.264	-0.009	46.283	-0.017	46.293	-0.012
42.718	-0.021	42.796	-0.021	42.817	-0.017	42.828	-0.021	46.310	-0.008	46.329	-0.004	46.355	-0.008	46.366	-0.003
42.848	-0.016	42.857	0.013	42.879	0.022	42.892	0.005	46.385	0.010	46.407	0.010	46.418	0.002	46.433	-0.007
42.908	-0.016	42.924	-0.007	42.929	0.005	42.942	0.014	46.455	-0.007	46.468	-0.006	46.484	0.002	46.499	-0.005
42.953	0.022	42.956	0.026	42.963	0.031	42.982	0.035	46.512	0.015	46.530	-0.003	46.550	-0.014	46.566	-0.022
42.994	0.026	43.004	0.022	43.022	0.010	43.031	0.005	46.579	-0.014	46.595	-0.001	46.614	-0.001	46.627	0.004
43.042	0.014	43.055	0.022	43.071	0.035	43.090	0.031	46.647	0.008	46.659	0.004	46.679	-0.000	46.697	0.008
43.106	0.001	43.121	0.018	43.133	0.022	43.141	0.014	46.713	0.008	46.726	0.000	46.735	0.000	46.756	0.017
43.158	0.001	43.172	-0.007	43.185	-0.003	43.199	0.003	46.775	0.034	46.794	0.026	46.805	0.022	46.820	0.018
43.217	0.018	43.230	0.022	43.243	0.005	43.256	-0.003	46.831	0.018	46.850	0.022	46.858	0.022	46.872	0.014
43.272	-0.011	43.283	-0.016	43.299	-0.011	43.314	0.001	46.888	0.014	46.903	0.014	46.915	0.022	46.934	0.031
43.325	0.005	43.339	0.018	43.355	0.014	43.367	0.001	46.946	0.022	46.960	0.009	46.974	0.014	46.990	0.009
43.386	-0.007	43.397	-0.003	43.417	0.013	43.434	0.018	47.005	0.009	47.013	0.018	47.017	0.022	47.041	0.022
43.444	0.009	43.457	-0.004	43.476	-0.008	43.483	-0.004	47.056	0.001	47.068	-0.012	47.089	0.000	47.112	0.004
43.497	0.005	43.508	0.013	43.520	0.021	43.528	0.017	47.132	-0.004	47.158	0.009	47.173	0.008	47.196	0.017
43.532	0.004	43.547	-0.004	43.560	0.004	43.568	0.013	47.215	0.008	47.235	0.012	47.259	0.020	47.281	0.024
43.589	0.021	43.608	0.025	43.629	0.025	43.648	0.016	47.302	0.028	47.316	0.023	47.337	0.014	47.360	0.022
43.676	0.003	43.689	0.011	43.705	0.011	43.719	0.007	47.378	0.026	47.402	0.030	47.417	0.030	47.424	0.021
43.739	-0.006	43.758	-0.007	43.774	0.006	43.787	0.010	47.433	0.025	47.443	0.021	47.465	0.016	47.478	0.012
43.802	0.022	43.829	0.031	43.853	0.018	43.876	0.005	47.494	0.016	47.513	0.020	47.521	0.011	47.532	0.019
43.887	-0.004	43.908	-0.008	43.941	-0.005	43.957	-0.009	47.541	0.019	47.557	0.019	47.576	0.019	47.590	0.014
43.973	-0.009	43.987	-0.014	44.008	-0.005	44.016	-0.014	47.601	0.023	47.620	0.022	47.622	0.018	47.635	0.018
44.031	-0.014	44.044	-0.010	44.050	-0.014	44.060	-0.023	47.652	0.013	47.666	0.009	47.682	0.009	47.694	0.003
								47.710	0.021	47.716	0.021	47.731	0.016	47.743	0.008

IE081

71.062 SANTA FELICIA OUTLET WORKS 2/9/71 0600PST S82M

2349 POINTS 50.533 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2006 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
47.765	0.016	47.775	0.003	47.784	-0.010	47.790	-0.014
47.800	-0.010	47.811	-0.002	47.822	0.007	47.831	0.019
47.844	0.023	47.853	0.015	47.859	0.006	47.866	-0.002
47.869	-0.006	47.881	-0.019	47.888	-0.032	47.899	-0.040
47.913	-0.040	47.925	-0.027	47.940	-0.019	47.949	-0.011
47.969	-0.011	47.981	-0.019	47.990	-0.032	47.998	-0.036
48.012	-0.045	48.025	-0.040	48.036	-0.032	48.047	-0.028
48.058	-0.011	48.075	-0.003	48.089	-0.003	48.105	-0.011
48.114	-0.019	48.127	-0.028	48.139	-0.028	48.161	-0.020
48.177	-0.020	48.193	-0.020	48.204	-0.015	48.221	-0.015
48.234	-0.024	48.245	-0.024	48.264	-0.016	48.283	-0.016
48.297	-0.020	48.310	-0.028	48.321	-0.037	48.338	-0.045
48.352	-0.037	48.365	-0.025	48.381	-0.020	48.395	-0.025
48.408	-0.033	48.422	-0.042	48.441	-0.034	48.447	-0.029
48.461	-0.017	48.483	-0.017	48.490	-0.021	48.509	-0.034
48.525	-0.030	48.536	-0.022	48.542	-0.017	48.558	0.004
48.569	0.008	48.578	-0.005	48.591	-0.018	48.599	-0.035
48.603	-0.027	48.610	-0.052	48.624	-0.047	48.635	-0.043
48.649	-0.027	48.661	-0.006	48.678	-0.014	48.692	-0.023
48.712	-0.031	48.732	-0.015	48.756	-0.015	48.771	-0.015
48.782	-0.015	48.798	-0.015	48.822	-0.007	48.839	0.002
48.866	-0.003	48.884	-0.007	48.900	-0.020	48.925	-0.020
48.944	-0.011	48.970	-0.003	48.983	-0.007	48.994	-0.011
49.008	-0.015	49.018	-0.020	49.037	-0.028	49.053	-0.007
49.077	0.010	49.096	0.006	49.110	0.002	49.121	-0.015
49.125	-0.015	49.145	0.002	49.155	0.019	49.171	0.027
49.187	0.032	49.197	0.023	49.210	0.011	49.224	-0.002
49.234	-0.015	49.243	-0.023	49.253	-0.027	49.267	-0.031
49.283	-0.023	49.296	-0.023	49.315	-0.014	49.327	-0.006
49.343	-0.006	49.362	-0.018	49.380	-0.027	49.409	-0.026
49.436	-0.018	49.455	-0.030	49.481	-0.017	49.498	-0.022
49.518	-0.017	49.543	-0.017	49.569	-0.013	49.587	-0.021
49.604	-0.029	49.623	-0.029	49.641	-0.016	49.662	-0.008
49.675	-0.016	49.685	-0.024	49.699	-0.028	49.735	-0.024
49.759	-0.024	49.783	-0.024	49.801	-0.028	49.821	-0.032
49.840	-0.032	49.861	-0.019	49.885	-0.023	49.901	-0.023
49.919	-0.006	49.945	-0.010	49.955	-0.018	49.961	-0.018
50.060	0.008	50.081	0.004	50.099	-0.004	50.107	-0.017
50.110	-0.030	50.123	-0.042	50.144	-0.029	50.152	-0.025
50.172	-0.004	50.176	0.001	50.196	-0.008	50.209	-0.024
50.222	-0.033	50.236	-0.028	50.249	-0.011	50.261	0.010
50.280	0.003	50.297	0.002	50.321	-0.002	50.344	0.002
50.361	0.003	50.374	-0.002	50.391	0.003	50.399	0.007
50.410	0.016	50.418	0.003	50.423	0.003	50.436	0.016
50.444	0.007	50.454	0.016	50.464	0.007		

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.231	0.002	0.290	0.003	0.378	0.006	0.462
0.014	0.585	0.019	0.690	0.021	0.783	0.022	0.842
0.027	0.897	0.032	0.897	0.034	0.867	0.040	0.787
0.042	0.682	0.043	0.559	0.053	0.441	0.054	0.273
0.057	0.083	0.059	-0.145	0.061	-0.305	0.062	-0.461
0.064	-0.642	0.065	-0.819	0.067	-0.941	0.069	-1.097
0.070	-1.241	0.073	-1.317	0.077	-1.405	0.078	-1.418
0.085	-1.418	0.086	-1.388	0.088	-1.363	0.091	-1.312
0.093	-1.262	0.094	-1.199	0.099	-1.043	0.101	-0.920
0.102	-0.638	0.107	-0.322	0.115	-0.107	0.117	0.146
0.131	0.956	0.139	1.441	0.152	1.795	0.164	1.268
0.176	0.201	0.182	-1.156	0.193	-2.206	0.207	-1.473
0.220	-0.756	0.233	0.201	0.257	1.280	0.268	1.070
0.279	0.302	0.284	-0.511	0.295	-1.241	0.305	-0.941
0.321	-0.385	0.333	0.340	0.346	1.365	0.359	1.689
0.371	1.238	0.381	0.252	0.392	-1.338	0.411	-2.312
0.416	-2.160	0.426	-1.599	0.434	-0.676	0.445	-0.001
0.456	0.964	0.477	1.643	0.494	0.994	0.507	-0.309
0.521	-1.258	0.539	-0.559	0.556	0.252	0.572	1.082
0.585	1.419	0.601	1.234	0.609	0.728	0.626	-0.094
0.638	-0.495	0.649	-0.360	0.665	0.016	0.674	0.307
0.690	0.522	0.709	0.176	0.724	-0.596	0.741	-1.156
0.757	-0.663	0.775	0.045	0.796	0.897	0.812	0.732
0.820	1.138	0.826	-0.254	0.832	-1.093	0.845	-1.641
0.859	-1.076	0.871	-0.381	0.887	0.433	0.901	1.074
0.914	0.791	0.923	0.049	0.933	-0.655	0.947	-1.321
0.965	-0.794	0.984	-0.069	1.033	0.513	1.019	0.193
1.030	-0.161	1.042	-0.376	1.058	-0.149	1.072	0.425
1.088	1.023	1.101	1.263	1.118	1.074	1.131	0.446
1.136	-0.060	1.149	-0.591	1.163	-0.920	1.179	-0.465
1.197	0.631	1.210	1.348	1.226	1.748	1.235	1.188
1.255	0.125	1.272	-1.772	1.292	-1.241	1.306	-0.280
1.321	0.829	1.345	1.694	1.363	1.120	1.375	-0.220
1.395	-1.279	1.409	-0.878	1.429	0.058	1.459	0.855
1.480	0.374	1.490	-0.119	1.504	-0.473	1.519	-0.427
1.538	0.058	1.554	0.302	1.570	-0.014	1.601	-0.887
1.623	-0.604	1.646	0.091	1.672	0.648	1.701	0.425
1.717	-0.119	1.731	-0.469	1.759	0.016	1.788	0.559
1.804	0.336	1.828	-0.431	1.846	-0.903	1.864	-0.495
1.888	0.509	1.918	1.188	1.936	0.538	1.952	-0.752

1.975	-1.578	1.994	-1.068	2.014	0.218	2.043	1.002	10.879	-0.098	10.923	0.096	10.980	-0.360	11.043	0.260
2.065	0.462	2.093	-0.410	2.123	-0.212	2.169	-0.005	11.101	-0.317	11.157	0.395	11.222	-0.376	11.278	0.281
2.196	-0.094	2.221	-0.208	2.244	-0.031	2.266	0.214	11.342	-0.178	11.408	0.087	11.453	-0.069	11.509	0.146
2.298	-0.005	2.322	-0.305	2.349	0.020	2.375	0.581	11.539	0.612	11.636	0.281	11.685	-0.090	11.736	0.167
2.399	0.247	2.420	0.104	2.450	0.374	2.471	0.581	11.772	0.112	11.807	0.167	11.861	0.053	11.904	0.087
2.492	0.264	2.516	-0.157	2.530	-0.267	2.554	-0.073	11.970	-0.411	12.041	0.019	12.091	-0.120	12.117	-0.158
2.578	0.167	2.594	0.416	2.618	0.121	2.634	-0.373	12.167	-0.272	12.221	-0.045	12.263	-0.213	12.321	0.204
2.651	-0.688	2.675	-0.300	2.696	0.159	2.713	0.480	12.376	-0.176	12.417	0.111	12.462	0.178	12.528	0.106
2.733	0.160	2.752	-0.354	2.764	-0.426	2.782	-0.316	12.587	0.376	12.640	-0.021	12.682	0.076	12.714	0.059
2.801	-0.160	2.817	-0.371	2.838	-0.590	2.879	0.035	12.776	0.325	12.818	0.105	12.859	-0.085	12.926	0.088
2.912	0.558	2.939	0.368	2.968	0.208	3.000	0.078	12.980	-0.148	13.026	-0.013	13.070	-0.140	13.134	0.227
3.038	-0.107	3.075	-0.019	3.102	-0.170	3.127	-0.431	13.180	-0.013	13.234	0.307	13.285	0.020	13.317	0.092
3.159	-0.094	3.185	0.269	3.209	0.122	3.233	-0.341	13.378	-0.018	13.422	-0.111	13.467	-0.166	13.508	-0.102
3.259	0.102	3.288	0.448	3.325	0.200	3.350	-0.053	13.540	-0.246	13.598	0.117	13.658	-0.275	13.720	0.193
3.367	0.087	3.384	0.364	3.410	-0.005	3.434	-0.830	13.784	-0.166	13.824	0.070	13.876	-0.216	13.929	0.096
3.453	0.088	3.476	0.354	3.505	-0.206	3.534	-0.206	13.983	-0.250	14.024	0.121	14.083	-0.204	14.136	0.108
3.564	-0.172	3.600	0.361	3.624	0.276	3.669	-0.478	14.177	-0.018	14.217	0.070	14.263	-0.094	14.312	0.113
3.719	-0.347	3.750	-0.397	3.807	0.168	3.853	-0.224	14.352	-0.010	14.401	0.176	14.459	-0.027	14.498	0.028
3.889	-0.084	3.918	-0.084	3.976	0.190	4.047	-0.248	14.541	0.038	14.587	0.176	14.635	-0.070	14.677	0.176
4.101	0.284	4.154	0.044	4.196	0.086	4.241	-0.137	14.716	0.058	14.758	0.041	14.803	-0.212	14.856	0.066
4.294	0.218	4.347	-0.077	4.397	0.349	4.450	-0.452	14.919	-0.246	14.974	-0.119	15.040	-0.220	15.094	-0.064
4.511	0.219	4.553	-0.152	4.596	-0.460	4.633	-0.155	15.145	-0.212	15.184	-0.102	15.233	-0.005	15.292	0.113
4.673	0.160	4.714	0.000	4.763	-0.194	4.813	0.000	15.363	0.028	15.441	0.252	15.513	-0.031	15.581	0.134
4.855	-0.113	4.900	-0.073	4.948	0.212	4.991	-0.031	15.635	0.003	15.726	0.045	15.787	-0.060	15.834	0.028
5.046	0.213	5.091	-0.074	5.139	0.331	5.181	-0.394	15.879	-0.098	15.935	0.066	15.991	-0.183	16.060	-0.178
5.236	0.404	5.286	-0.321	5.334	0.206	5.379	-0.295	16.115	-0.048	16.152	-0.149	16.180	-0.157	16.231	-0.309
5.449	0.232	5.508	-0.539	5.549	0.098	5.581	0.616	16.282	-0.183	16.338	-0.183	16.398	-0.035	16.447	-0.086
5.612	0.018	5.626	-0.370	5.678	0.343	5.710	0.073	16.528	-0.142	16.581	0.091	16.649	0.231	16.701	0.079
5.760	-0.066	5.810	0.069	5.870	-0.272	5.919	0.128	16.759	0.231	16.803	0.117	16.839	0.155	16.890	-0.001
5.967	-0.234	6.012	-0.099	6.056	-0.179	6.111	-0.209	16.950	0.083	16.998	-0.052	17.050	0.024	17.093	-0.060
6.167	-0.271	6.225	0.370	6.271	-0.001	6.305	-0.435	17.149	0.049	17.195	-0.056	17.245	0.121	17.299	-0.137
6.332	0.108	6.353	0.484	6.378	0.037	6.407	-0.672	17.349	-0.009	17.399	-0.077	17.445	0.016	17.506	0.037
6.433	-0.119	6.465	0.408	6.522	-0.313	6.560	0.391	17.584	0.055	17.665	0.072	17.725	0.223	17.785	0.063
6.596	0.408	6.624	0.142	6.653	-0.187	6.697	0.391	17.832	0.253	17.886	0.127	17.932	0.127	17.987	0.022
6.756	-0.317	6.814	0.378	6.871	-0.170	6.920	0.108	18.063	0.086	18.114	-0.053	18.174	0.065	18.229	-0.057
6.976	-0.246	7.026	-0.052	7.074	-0.355	7.131	-0.010	18.290	-0.019	18.363	-0.149	18.433	0.003	18.472	-0.039
7.176	-0.073	7.211	-0.069	7.250	-0.128	7.288	0.062	18.517	0.020	18.566	0.028	18.634	-0.094	18.687	0.091
7.326	0.003	7.364	0.113	7.408	-0.233	7.466	0.319	18.742	-0.090	18.783	-0.027	18.828	-0.102	18.891	0.041
7.504	0.167	7.540	0.277	7.599	-0.284	7.658	0.256	18.979	0.037	19.039	0.049	19.247	-0.069	19.301	0.117
7.711	-0.250	7.767	0.328	7.817	-0.507	7.877	0.256	19.353	-0.018	19.411	0.146	19.462	-0.157	19.526	0.121
7.925	-0.124	7.973	0.054	8.019	-0.081	8.067	0.134	19.572	-0.081	19.608	-0.035	19.655	-0.077	19.699	-0.035
8.110	-0.098	8.155	0.193	8.199	0.041	8.255	0.269	19.737	-0.056	19.794	0.028	19.854	-0.090	19.917	0.091
8.325	0.025	8.391	-0.165	8.444	0.248	8.501	-0.329	19.978	-0.082	20.035	0.065	20.090	-0.024	20.133	0.035
8.554	0.472	8.609	-0.375	8.663	0.439	8.719	-0.231	20.177	-0.062	20.235	0.085	20.287	-0.041	20.346	0.035
8.777	0.267	8.842	-0.268	8.896	-0.095	8.934	-0.133	20.401	-0.063	20.460	0.021	20.507	-0.097	20.544	-0.047
8.988	-0.112	9.060	-0.288	9.132	0.180	9.170	-0.031	20.582	-0.089	20.622	-0.043	20.659	-0.072	20.710	-0.043
9.208	0.143	9.259	-0.384	9.314	0.257	9.363	-0.354	20.754	-0.136	20.803	-0.048	20.842	-0.103	20.890	0.040
9.422	0.405	9.468	-0.008	9.492	0.022	9.543	-0.311	20.940	-0.074	20.996	0.006	21.073	0.006	21.127	0.094
9.573	0.127	9.604	0.524	9.629	0.094	9.653	-0.285	21.185	0.027	21.239	0.136	21.275	0.077	21.321	0.132
9.677	0.073	9.709	0.352	9.740	-0.150	9.768	-0.466	21.351	0.052	21.401	0.060	21.446	-0.084	21.489	-0.008
9.795	-0.179	9.831	0.255	9.877	-0.099	9.926	0.272	21.574	-0.059	21.638	0.030	21.682	0.017	21.746	0.055
9.979	-0.132	10.037	0.159	10.100	-0.284	10.157	0.171	21.811	0.055	21.890	0.067	21.960	0.092	22.016	0.096
10.218	-0.448	10.270	-0.216	10.270	0.024	10.299	0.024	22.075	-0.005	22.119	0.067	22.167	-0.018	22.211	0.084
10.339	0.205	10.386	-0.052	10.427	0.184	10.470	-0.170	22.260	-0.035	22.302	0.045	22.338	0.007	22.383	0.058
10.527	0.391	10.574	-0.355	10.622	0.172	10.666	-0.204	22.424	-0.009	22.471	0.033	22.521	-0.048	22.565	-0.001
10.698	-0.183	10.730	-0.199	10.765	-0.119	10.817	0.003	22.622	-0.115	22.668	-0.052	22.705	-0.064	22.774	-0.039

22.817	-0.039	22.868	-0.077	22.928	0.024	22.993	0.024	31.836	-0.040	31.849	-0.040	31.859	-0.045	31.875	-0.049
23.079	0.024	23.136	0.070	23.196	0.016	23.273	0.062	31.889	-0.066	31.902	-0.062	31.915	-0.054	31.931	-0.042
23.327	0.054	23.396	0.041	23.443	0.045	23.495	0.016	31.941	-0.029	31.955	-0.017	31.968	-0.017	31.980	-0.013
23.544	0.058	23.604	0.016	23.663	0.049	23.739	-0.048	31.996	0.007	32.000	0.007	32.018	0.002	32.029	-0.002
23.813	0.016	23.856	-0.031	23.907	-0.010	23.966	-0.064	32.044	-0.015	32.057	-0.028	32.065	-0.024	32.079	-0.011
24.059	-0.060	24.180	0.003	24.297	0.011	24.360	0.054	32.094	-0.016	32.103	-0.020	32.116	-0.028	32.129	-0.024
24.439	0.113	24.508	0.016	24.570	0.129	24.631	0.032	32.147	-0.012	32.158	-0.003	32.171	0.005	32.187	0.013
24.668	0.091	24.742	0.054	24.873	0.054	25.001	0.041	32.211	0.022	32.232	0.013	32.249	0.016	32.264	0.017
25.105	0.032	25.179	0.032	25.247	0.096	25.352	0.083	32.270	0.025	32.286	0.042	32.294	0.046	32.315	0.042
25.462	0.045	25.573	0.011	25.686	-0.005	25.834	-0.035	32.328	0.029	32.346	0.029	32.358	0.034	32.371	0.042
25.955	-0.022	26.063	-0.010	26.183	-0.014	26.283	-0.035	32.386	0.051	32.402	0.051	32.414	0.047	32.442	0.047
26.380	-0.053	26.496	-0.055	26.566	-0.081	26.626	-0.035	32.456	0.030	32.472	0.026	32.488	0.031	32.499	0.048
26.713	-0.100	26.825	-0.063	26.906	-0.023	27.011	0.004	32.520	0.077	32.531	0.073	32.546	0.065	32.552	0.052
27.160	0.030	27.266	0.054	27.391	0.100	27.511	0.065	32.560	0.040	32.576	0.040	32.584	0.044	32.600	0.053
27.612	0.001	27.735	-0.029	27.892	-0.024	28.009	0.010	32.611	0.065	32.629	0.078	32.647	0.065	32.661	0.069
28.153	0.036	28.240	0.057	28.275	0.011	28.335	0.070	32.674	0.078	32.690	0.074	32.702	0.069	32.723	0.065
28.437	0.045	28.577	0.016	28.711	-0.056	28.888	-0.090	32.742	0.065	32.817	0.073	32.826	0.069	32.838	0.056
29.003	-0.086	29.109	-0.060	29.244	-0.048	29.343	-0.031	32.798	0.069	32.817	0.073	32.826	0.069	32.838	0.056
29.448	0.016	29.555	0.058	29.671	0.084	29.889	0.122	32.849	0.052	32.863	0.052	32.881	0.060	32.892	0.060
29.711	0.093	29.742	0.081	29.763	0.106	29.785	0.144	32.912	0.047	32.927	0.039	32.943	0.030	32.951	0.043
29.809	0.152	29.857	0.106	29.880	0.131	29.904	0.152	32.963	0.026	32.973	0.047	32.986	0.059	33.009	0.059
29.923	0.143	29.944	0.131	29.975	0.130	29.999	0.126	33.024	0.050	33.048	0.038	33.068	0.046	33.086	0.046
30.020	0.109	30.049	0.075	30.081	0.092	30.111	0.113	33.102	0.042	33.113	0.034	33.124	0.021	33.138	0.013
30.130	0.104	30.151	0.083	30.177	0.070	30.203	0.070	33.161	0.021	33.176	0.030	33.192	0.038	33.219	0.030
30.235	0.083	30.266	0.066	30.303	0.058	30.322	0.041	33.237	0.014	33.253	-0.003	33.277	-0.011	33.296	0.006
30.349	0.032	30.375	0.024	30.401	-0.002	30.433	0.006	33.313	0.006	33.324	0.002	33.339	-0.010	33.359	-0.027
30.493	-0.028	30.544	-0.012	30.586	-0.012	30.617	-0.017	33.377	-0.031	33.390	-0.031	33.402	-0.039	33.418	-0.047
30.639	-0.013	30.663	-0.009	30.691	-0.013	30.736	-0.026	33.431	-0.035	33.437	-0.034	33.450	-0.013	33.466	-0.009
30.739	-0.035	30.774	-0.035	30.787	-0.047	30.765	-0.043	33.479	-0.017	33.495	-0.021	33.511	-0.034	33.523	-0.047
30.771	-0.035	30.777	-0.018	30.784	-0.005	30.790	0.003	33.533	-0.059	33.544	-0.068	33.555	-0.068	33.571	-0.047
30.801	0.007	30.808	0.007	30.821	0.007	30.834	-0.001	33.587	-0.038	33.604	-0.047	33.627	-0.051	33.651	-0.046
30.847	-0.014	30.848	-0.030	30.853	-0.039	30.864	-0.047	33.665	-0.038	33.676	-0.046	33.691	-0.055	33.716	-0.063
30.874	-0.043	30.882	-0.034	30.891	-0.022	30.901	-0.017	33.737	-0.055	33.761	-0.038	33.777	-0.034	33.791	-0.042
30.911	-0.021	30.920	-0.030	30.925	-0.034	30.936	-0.042	33.820	-0.046	33.833	-0.042	33.852	-0.038	33.863	-0.046
30.941	-0.051	30.944	-0.063	30.949	-0.076	30.959	-0.084	33.876	-0.063	33.890	-0.063	33.913	-0.076	33.933	-0.063
30.968	-0.084	30.976	-0.076	30.984	-0.071	30.994	-0.058	33.940	-0.063	33.959	-0.080	33.972	-0.080	33.986	-0.076
31.002	-0.050	31.013	-0.037	31.021	-0.016	31.028	-0.016	33.996	-0.063	34.005	-0.055	34.016	-0.063	34.028	-0.076
31.041	-0.024	31.052	-0.032	31.060	-0.041	31.066	-0.049	34.040	-0.084	34.055	-0.101	34.061	-0.101	34.074	-0.080
31.078	-0.057	31.081	-0.066	31.084	-0.074	31.092	-0.078	34.085	-0.063	34.106	-0.055	34.117	-0.080	34.123	-0.084
31.098	-0.070	31.110	-0.066	31.114	-0.053	31.124	-0.049	34.131	-0.089	34.152	-0.084	34.175	-0.076	34.182	-0.055
31.142	-0.057	31.153	-0.066	31.161	-0.074	31.174	-0.078	34.200	-0.042	34.219	-0.017	34.238	-0.029	34.256	-0.033
31.184	-0.070	31.206	-0.061	31.214	-0.065	31.224	-0.065	34.261	-0.025	34.270	-0.017	34.281	-0.012	34.292	0.000
31.232	-0.074	31.238	-0.078	31.246	-0.095	31.254	-0.095	34.302	0.000	34.323	0.000	34.340	-0.016	34.348	-0.025
31.264	-0.083	31.274	-0.070	31.285	-0.066	31.298	-0.070	34.366	-0.029	34.377	-0.029	34.386	-0.016	34.406	-0.008
31.315	-0.075	31.323	-0.083	31.331	-0.096	31.343	-0.113	34.425	-0.016	34.437	-0.024	34.445	-0.041	34.453	-0.045
31.347	-0.121	31.357	-0.117	31.367	-0.100	31.373	-0.092	34.465	-0.029	34.471	-0.024	34.487	-0.003	34.501	-0.007
31.378	-0.079	31.388	-0.058	31.405	-0.066	31.426	-0.075	34.514	-0.020	34.525	-0.041	34.538	-0.037	34.552	-0.020
31.439	-0.087	31.454	-0.100	31.471	-0.103	31.486	-0.095	34.563	-0.007	34.570	0.010	34.589	0.031	34.603	0.018
31.497	-0.078	31.510	-0.073	31.518	-0.077	31.528	-0.086	34.622	0.002	34.643	-0.007	34.659	0.014	34.665	0.048
31.534	-0.094	31.537	-0.098	31.548	-0.107	31.557	-0.102	34.681	0.057	34.700	0.048	34.711	0.023	34.724	-0.015
31.566	-0.098	31.576	-0.081	31.587	-0.081	31.600	-0.086	34.730	-0.032	34.743	-0.040	34.756	-0.015	34.762	-0.006
31.610	-0.107	31.618	-0.102	31.624	-0.111	31.635	-0.115	34.775	0.019	34.787	0.019	34.802	-0.002	34.819	-0.010
31.650	-0.107	31.659	-0.094	31.664	-0.073	31.677	-0.056	34.832	-0.006	34.859	0.003	34.875	0.037	34.875	0.049
31.690	-0.048	31.703	-0.056	31.714	-0.069	31.729	-0.077	34.889	0.050	34.903	0.033	34.921	0.016	34.929	0.020
31.735	-0.086	31.753	-0.077	31.769	-0.056	31.785	-0.035	34.937	0.029	34.951	0.050	34.959	0.059	34.970	0.063
31.795	-0.044	31.811	-0.056	31.814	-0.056	31.825	-0.040	34.984	0.063	35.002	0.059	35.014	0.038	35.021	0.030

35.033	0.000	35.046	-0.008	35.057	0.009	35.067	0.034	37.017	-0.064	37.027	-0.060	37.028	-0.060	37.066	-0.069
35.079	0.051	35.086	0.009	35.097	0.047	35.109	0.030	37.051	-0.060	37.059	-0.048	37.065	-0.039	37.075	-0.027
35.122	0.013	35.133	0.009	35.146	0.018	35.154	0.026	37.079	-0.027	37.089	-0.005	37.097	-0.005	37.108	-0.018
35.162	0.039	35.176	0.035	35.194	0.027	35.208	0.014	37.119	-0.035	37.123	-0.047	37.134	-0.056	37.139	-0.064
35.214	0.011	35.227	0.027	35.259	0.014	35.272	0.002	37.145	-0.064	37.158	-0.068	37.166	-0.047	37.174	-0.030
35.285	-0.011	35.290	-0.002	35.307	0.019	35.312	0.036	37.179	-0.026	37.190	-0.013	37.200	-0.005	37.212	-0.017
35.316	0.053	35.321	0.069	35.329	0.091	35.339	0.095	37.222	-0.026	37.238	-0.030	37.243	-0.026	37.256	-0.017
35.347	0.086	35.355	0.070	35.364	0.049	35.368	0.040	37.265	-0.004	37.277	-0.004	37.291	-0.004	37.301	-0.008
35.379	0.040	35.387	0.049	35.396	0.066	35.403	0.083	37.312	-0.017	37.322	-0.025	37.333	-0.012	37.344	-0.012
35.415	0.083	35.419	0.079	35.425	0.062	35.436	0.041	37.359	-0.008	37.370	-0.004	37.378	-0.012	37.389	-0.016
35.442	0.028	35.454	-0.001	35.462	0.007	35.463	0.011	37.402	-0.021	37.415	-0.029	37.421	-0.037	37.429	-0.037
35.471	0.028	35.479	0.054	35.486	0.083	35.492	0.100	37.442	-0.033	37.453	-0.021	37.455	-0.008	37.466	0.005
35.501	0.100	35.508	0.070	35.513	0.045	35.521	0.020	37.469	0.009	37.481	0.021	37.489	0.025	37.494	0.025
35.525	-0.002	35.527	-0.018	35.532	-0.035	35.540	-0.061	37.505	0.017	37.516	0.004	37.524	0.012	37.540	0.021
35.543	-0.061	35.551	-0.027	35.557	-0.015	35.562	0.040	37.558	0.021	37.571	-0.001	37.583	0.004	37.595	0.016
35.565	0.057	35.572	0.070	35.581	0.087	35.591	0.099	37.603	0.033	37.611	0.045	37.617	0.054	37.624	0.062
35.596	0.095	35.600	0.082	35.604	0.057	35.615	0.044	37.637	0.062	37.654	0.037	37.661	0.024	37.669	0.011
35.621	0.036	35.629	0.023	35.639	0.010	35.643	0.006	37.685	-0.001	37.698	-0.002	37.712	0.002	37.726	0.032
35.655	0.014	35.661	0.023	35.672	0.035	35.685	0.039	37.731	0.032	37.746	0.049	37.757	0.049	37.770	0.057
35.688	0.039	35.699	0.035	35.712	0.026	35.717	0.026	37.781	0.061	37.794	0.052	37.802	0.048	37.815	0.040
35.725	0.052	35.730	0.060	35.736	0.068	35.749	0.089	37.829	0.040	37.842	0.039	37.855	0.044	37.864	0.060
35.757	0.093	35.766	0.093	35.779	0.076	35.789	0.072	37.871	0.069	37.887	0.065	37.903	0.081	37.913	0.090
35.798	0.042	35.800	0.034	35.808	0.017	35.819	0.017	37.929	0.081	37.938	0.068	37.950	0.064	37.962	0.043
35.827	0.029	35.838	0.046	35.846	0.067	35.853	0.080	37.969	0.026	37.982	0.013	37.996	0.013	38.015	0.038
35.859	0.088	35.870	0.092	35.878	0.088	35.891	0.079	38.019	0.043	38.035	0.034	38.055	0.038	38.070	0.046
35.902	0.049	35.915	0.032	35.928	0.020	35.939	0.011	38.096	0.059	38.105	0.055	38.121	0.055	38.134	0.042
35.925	0.028	35.935	0.036	35.968	0.023	35.977	0.019	38.137	0.033	38.161	0.017	38.181	0.012	38.197	0.012
35.987	-0.002	35.998	-0.019	36.016	-0.032	36.027	-0.024	38.215	-0.000	38.231	-0.009	38.247	-0.021	38.263	-0.034
36.035	-0.011	36.049	0.018	36.073	0.026	36.081	0.026	38.276	-0.034	38.293	-0.026	38.305	-0.026	38.319	-0.034
36.088	0.030	36.102	0.043	36.111	0.047	36.121	0.052	38.339	-0.038	38.350	-0.038	38.355	-0.042	38.368	-0.047
36.132	0.030	36.139	-0.003	36.145	-0.024	36.156	-0.050	38.380	-0.038	38.392	-0.038	38.401	-0.021	38.414	-0.017
36.159	-0.062	36.172	-0.092	36.180	-0.075	36.185	-0.066	38.429	-0.026	38.445	-0.038	38.453	-0.051	38.459	-0.063
36.190	-0.041	36.201	-0.033	36.201	-0.003	36.202	0.001	38.479	-0.059	38.483	-0.055	38.492	-0.038	38.496	-0.034
36.215	0.039	36.223	0.031	36.229	0.014	36.239	-0.012	38.508	-0.021	38.521	-0.017	38.527	-0.021	38.533	-0.033
36.240	-0.020	36.245	-0.041	36.255	-0.058	36.263	-0.071	38.540	-0.033	38.546	-0.054	38.554	-0.054	38.572	-0.042
36.272	-0.075	36.279	-0.058	36.283	-0.037	36.287	-0.024	38.622	-0.029	38.632	-0.037	38.640	-0.045	38.651	-0.054
36.290	0.001	36.293	0.010	36.307	0.027	36.317	0.031	38.669	-0.062	38.683	-0.041	38.693	-0.028	38.704	-0.024
36.328	0.014	36.334	0.001	36.337	0.028	36.347	0.045	38.717	-0.020	38.727	-0.007	38.733	0.002	38.740	0.014
36.360	-0.037	36.366	-0.028	36.379	-0.032	36.385	-0.032	38.749	0.023	38.756	0.023	38.773	0.015	38.786	0.002
36.395	-0.041	36.407	-0.058	36.412	-0.079	36.419	-0.087	38.799	-0.007	38.812	-0.007	38.832	0.015	38.849	0.019
36.426	-0.074	36.433	-0.058	36.439	-0.045	36.444	-0.037	38.864	0.002	38.882	0.010	38.898	0.019	38.917	0.019
36.452	-0.015	36.461	-0.007	36.469	-0.003	36.479	-0.028	38.930	0.015	38.940	0.015	38.959	0.002	38.977	-0.002
36.487	-0.041	36.490	-0.049	36.500	-0.066	36.514	-0.070	38.988	-0.002	39.003	0.002	39.019	0.015	39.035	0.019
36.520	-0.057	36.528	-0.049	36.533	-0.036	36.549	-0.011	39.051	0.027	39.057	0.023	39.070	0.015	39.085	0.010
36.563	-0.011	36.574	-0.019	36.579	-0.032	36.585	-0.036	39.101	-0.002	39.115	0.010	39.128	0.031	39.143	0.031
36.593	-0.048	36.597	-0.057	36.609	-0.065	36.627	-0.061	39.151	0.019	39.154	0.015	39.157	0.010	39.167	-0.006
36.641	-0.052	36.647	-0.044	36.655	-0.039	36.670	-0.048	39.180	-0.023	39.191	-0.019	39.199	-0.002	39.207	0.019
36.678	-0.056	36.686	-0.060	36.697	-0.086	36.705	-0.081	39.217	0.044	39.227	0.053	39.236	0.057	39.249	0.044
36.713	-0.071	36.719	-0.056	36.726	-0.035	36.731	-0.027	39.256	-0.036	39.265	0.019	39.275	0.006	39.289	-0.002
36.735	-0.014	36.743	0.003	36.753	0.003	36.766	0.014	39.302	-0.002	39.315	0.019	39.328	0.027	39.346	0.019
36.774	-0.035	36.779	-0.052	36.782	-0.060	36.790	-0.077	39.357	0.015	39.362	0.006	39.375	-0.002	39.392	-0.006
36.803	-0.094	36.811	-0.098	36.817	-0.073	36.827	-0.052	39.407	-0.002	39.416	0.006	39.429	0.036	39.444	0.036
36.833	-0.039	36.846	-0.035	36.855	-0.039	36.865	-0.048	39.450	0.036	39.463	0.032	39.478	0.023	39.489	0.019
36.881	-0.060	36.892	-0.060	36.899	-0.077	36.911	-0.081	39.507	0.011	39.521	0.011	39.535	0.015	39.552	0.007
36.923	-0.064	36.932	-0.048	36.942	-0.035	36.955	-0.027	39.566	0.003	39.577	0.012	39.581	0.016	39.593	0.016
36.961	-0.027	36.974	-0.043	36.987	-0.056	37.003	-0.064								

39.601	0.012	39.616	0.004	39.626	0.004	39.643	0.017	42.173	-0.013	42.188	-0.022	42.201	-0.022	42.209	-0.013
39.651	0.017	39.664	0.026	39.680	0.047	39.693	0.047	42.226	0.003	42.245	-0.016	42.256	0.016	42.266	0.012
39.701	0.023	39.709	0.035	39.719	0.022	39.733	0.014	42.279	0.007	42.298	-0.006	42.312	-0.002	42.319	0.011
39.740	0.043	39.746	0.027	39.757	0.039	39.767	0.056	42.335	0.024	42.349	0.032	42.362	0.019	42.371	0.015
39.775	0.056	39.789	0.052	39.799	0.048	39.810	0.034	42.379	0.002	42.399	-0.002	42.418	-0.002	42.432	0.014
39.828	0.031	39.841	0.035	39.855	0.026	39.868	0.034	42.443	0.031	42.458	0.044	42.474	0.039	42.485	0.027
39.874	0.030	39.879	0.022	39.883	0.013	39.894	-0.004	42.499	0.032	42.512	0.001	42.525	-0.003	42.546	0.009
39.907	0.000	39.924	0.017	39.932	0.021	39.943	0.021	42.558	0.018	42.574	0.022	42.590	0.018	42.600	0.010
39.950	0.012	39.964	-0.005	39.972	-0.018	39.988	0.039	42.606	-0.003	42.619	-0.015	42.635	-0.015	42.648	-0.007
40.008	-0.035	40.021	-0.023	40.032	-0.006	40.037	-0.006	42.662	0.010	42.680	0.015	42.697	0.015	42.710	0.002
40.048	-0.011	40.064	-0.032	40.082	-0.032	40.096	-0.028	42.721	-0.015	42.731	-0.023	42.745	-0.027	42.761	-0.014
40.104	-0.028	40.125	-0.020	40.136	-0.024	40.146	-0.033	42.774	-0.010	42.784	-0.010	42.790	-0.014	42.806	-0.014
40.154	-0.037	40.165	-0.050	40.183	-0.049	40.207	-0.041	42.808	-0.014	42.822	-0.001	42.836	0.007	42.841	0.003
40.220	-0.058	40.229	-0.054	40.241	-0.066	40.250	-0.066	42.854	0.007	42.863	0.012	42.876	0.020	42.884	0.024
40.268	-0.045	40.281	-0.045	40.292	-0.045	40.310	-0.053	42.895	0.020	42.905	0.037	42.918	0.050	42.931	0.054
40.318	-0.062	40.329	-0.070	40.337	-0.078	40.345	-0.078	42.943	0.046	42.955	0.042	42.967	0.033	42.978	0.020
40.352	-0.074	40.365	-0.066	40.382	-0.049	40.394	-0.049	42.985	0.016	43.002	0.041	43.014	0.046	43.026	0.050
40.406	-0.061	40.414	-0.070	40.429	-0.082	40.439	-0.091	43.042	0.042	43.055	0.038	43.068	0.042	43.082	0.042
40.451	-0.078	40.459	-0.048	40.469	-0.015	40.480	-0.015	43.089	0.042	43.108	0.046	43.121	0.050	43.138	0.050
40.492	-0.083	40.496	-0.044	40.506	-0.074	40.516	-0.086	43.151	0.041	43.167	0.045	43.186	0.037	43.199	0.053
40.525	-0.086	40.537	-0.078	40.546	-0.065	40.556	-0.048	43.222	0.048	43.238	0.040	43.256	0.031	43.276	0.039
40.564	-0.031	40.577	-0.019	40.588	-0.035	40.599	-0.044	43.296	0.056	43.309	0.047	43.315	0.063	43.333	0.030
40.604	-0.048	40.619	-0.061	40.627	-0.065	40.640	-0.073	43.342	0.025	43.347	0.021	43.365	0.012	43.383	0.033
40.651	-0.060	40.664	-0.039	40.672	-0.031	40.691	-0.027	43.396	0.045	43.408	0.037	43.413	0.033	43.424	0.024
40.699	-0.027	40.710	-0.035	40.722	-0.043	40.736	-0.047	43.436	0.032	43.449	0.002	43.470	-0.002	43.482	0.011
40.749	-0.039	40.750	-0.035	40.760	-0.031	40.768	-0.018	43.498	0.019	43.511	0.040	43.519	0.036	43.539	0.023
40.779	-0.005	40.791	0.008	40.802	0.012	40.813	0.012	43.556	0.006	43.571	-0.002	43.585	-0.002	43.597	0.002
40.824	0.008	40.832	-0.005	40.840	-0.013	40.853	-0.030	43.608	0.010	43.618	0.010	43.629	0.002	43.642	-0.002
40.864	-0.030	40.882	-0.017	40.897	0.008	40.906	0.017	43.653	-0.015	43.663	-0.015	43.674	-0.007	43.680	0.002
40.917	0.021	40.935	0.030	40.948	0.017	40.958	0.009	43.692	0.010	43.701	0.030	43.708	0.006	43.719	-0.002
40.967	-0.014	40.978	-0.012	40.991	-0.029	41.000	-0.025	43.729	-0.010	43.737	-0.023	43.747	-0.031	43.763	-0.035
41.015	-0.042	41.030	0.026	41.046	0.035	41.055	0.030	43.780	-0.027	43.789	-0.022	43.803	-0.018	43.818	-0.022
41.063	0.018	41.070	0.005	41.081	0.001	41.089	-0.012	43.829	-0.026	43.842	-0.043	43.860	-0.038	43.872	-0.034
41.097	-0.007	41.104	-0.003	41.115	0.010	41.123	0.002	43.897	-0.017	43.900	-0.021	43.902	-0.021	43.923	-0.025
41.134	0.022	41.147	0.018	41.160	0.010	41.171	0.002	43.937	-0.033	43.958	-0.045	43.971	-0.037	43.979	-0.032
41.177	-0.302	41.190	-0.011	41.203	0.002	41.211	0.010	43.995	-0.024	44.015	-0.023	44.024	-0.036	44.031	-0.044
41.216	0.023	41.222	0.036	41.265	0.048	41.275	0.023	44.040	-0.057	44.055	-0.060	44.073	-0.039	44.087	-0.026
41.257	0.049	41.262	0.044	41.288	0.040	41.295	0.023	44.100	-0.026	44.113	-0.034	44.128	-0.046	44.139	-0.055
41.284	0.011	41.297	0.003	41.311	0.011	41.321	0.020	44.157	-0.054	44.170	-0.046	44.176	-0.041	44.189	-0.024
41.334	0.028	41.342	0.024	41.354	0.024	41.369	0.016	44.204	-0.011	44.217	-0.020	44.228	-0.028	44.238	-0.041
41.380	0.016	41.391	0.024	41.450	0.008	41.468	0.004	44.257	-0.053	44.264	-0.032	44.275	-0.032	44.289	-0.010
41.421	0.024	41.439	0.012	41.450	0.025	41.519	0.029	44.299	-0.015	44.307	-0.019	44.320	-0.031	44.333	-0.048
41.479	0.016	41.492	0.025	41.503	0.025	41.574	0.012	44.353	-0.039	44.362	-0.027	44.370	-0.014	44.385	-0.010
41.536	0.033	41.551	0.025	41.560	0.021	41.574	0.012	44.392	-0.010	44.403	-0.019	44.417	-0.032	44.432	-0.036
41.592	0.004	41.606	-0.009	41.619	-0.005	41.630	0.012	44.442	-0.049	44.455	-0.037	44.464	-0.037	44.474	-0.029
41.637	0.012	41.649	0.021	41.659	0.029	41.669	0.021	44.484	-0.020	44.494	-0.020	44.502	-0.025	44.520	-0.034
41.677	0.008	41.688	0.004	41.696	0.012	41.707	0.021	44.529	-0.034	44.544	-0.030	44.555	-0.017	44.568	-0.009
41.720	0.025	41.737	0.016	41.753	0.008	41.764	0.004	44.581	-0.014	44.597	-0.019	44.607	-0.023	44.620	-0.019
41.777	0.005	41.792	-0.009	41.806	-0.009	41.817	-0.013	44.630	-0.011	44.640	0.001	44.654	0.014	44.659	0.018
41.833	-0.009	41.844	-0.005	41.862	-0.001	41.865	-0.005	44.670	0.017	44.690	0.008	44.708	-0.001	44.729	-0.001
41.881	-0.009	41.894	-0.005	41.905	0.007	41.913	0.020	44.746	0.015	44.756	0.011	44.776	0.006	44.789	0.015
41.927	0.011	41.940	-0.002	41.958	-0.019	41.975	-0.023	44.805	0.019	44.821	0.014	44.840	0.022	44.858	0.013
41.990	-0.028	42.002	-0.028	42.015	-0.015	42.028	-0.003	44.871	0.013	44.882	0.026	44.899	0.025	44.910	0.021
42.047	-0.003	42.058	0.001	42.071	0.005	42.079	-0.004	44.925	0.012	44.934	0.008	44.944	-0.000	44.955	-0.005
42.095	-0.004	42.106	0.004	42.111	0.004	42.122	0.008	44.967	0.004	44.976	0.012	44.983	0.020	44.989	0.037
42.137	0.017	42.148	0.012	42.151	0.008	42.162	-0.000	45.001	0.046	45.014	0.054	45.023	0.050	45.033	0.041

45.046	0.029	45.057	0.012	45.072	0.007	45.088	0.011	48.110	-0.014	48.119	0.002	48.124	0.015	48.140	0.040
45.098	0.020	45.112	0.024	45.125	0.029	45.135	0.025	48.154	0.041	48.160	0.032	48.166	0.015	48.174	-0.006
45.158	0.017	45.171	0.030	45.182	0.034	45.199	0.055	48.181	-0.018	48.187	-0.031	48.196	-0.022	48.174	-0.006
45.212	0.056	45.227	0.039	45.239	0.031	45.251	0.023	48.214	-0.014	48.220	-0.001	48.234	0.003	48.244	0.020
45.267	0.002	45.286	0.015	45.303	0.015	45.312	0.011	48.255	0.032	48.268	0.041	48.280	0.037	48.286	0.032
45.324	0.007	45.344	0.007	45.358	0.011	45.368	0.015	48.296	0.024	48.301	0.016	48.309	-0.001	48.318	-0.018
45.382	0.024	45.398	0.028	45.412	0.023	45.419	0.019	48.331	-0.018	48.340	0.003	48.353	0.016	48.362	0.032
45.436	0.011	45.448	0.006	45.462	0.006	45.475	0.007	48.376	0.054	48.383	0.045	48.391	0.037	48.402	0.016
45.484	0.007	45.499	0.011	45.516	0.007	45.529	-0.006	48.411	0.003	48.425	-0.014	48.438	-0.010	48.444	-0.001
45.540	-0.010	45.555	-0.018	45.569	-0.018	45.581	-0.026	48.452	0.011	48.466	0.032	48.477	0.032	48.496	0.016
45.592	-0.018	45.603	-0.017	45.614	-0.022	45.630	-0.021	48.514	-0.005	48.526	-0.018	48.536	-0.010	48.545	-0.001
45.643	-0.021	45.651	-0.029	45.664	-0.037	45.676	-0.029	48.555	0.011	48.566	0.020	48.580	0.020	48.597	0.003
45.692	-0.020	45.705	-0.011	45.721	-0.015	45.734	-0.027	48.612	0.003	48.627	0.015	48.637	0.028	48.650	0.032
45.756	-0.035	45.765	-0.027	45.777	-0.026	45.785	-0.030	48.665	0.028	48.678	0.032	48.689	-0.010	48.707	-0.006
45.804	-0.021	45.813	-0.021	45.826	-0.026	45.835	-0.013	48.729	0.015	48.737	0.019	48.748	0.023	48.764	0.006
45.851	-0.000	45.864	-0.004	45.877	-0.013	45.893	-0.026	48.771	0.006	48.793	-0.006	48.803	0.002	48.822	0.010
45.896	-0.030	45.910	-0.047	45.924	-0.042	45.935	-0.034	48.844	0.010	48.863	0.006	48.879	0.014	48.889	0.010
45.947	-0.030	45.959	-0.021	45.967	-0.009	45.981	-0.013	48.897	0.002	48.916	0.001	48.933	0.010	48.946	0.014
45.994	-0.017	46.013	-0.026	46.028	-0.034	46.043	-0.034	48.960	0.018	48.973	0.018	48.992	0.013	49.011	0.001
46.036	-0.034	46.075	-0.030	46.094	-0.018	46.121	-0.018	49.024	-0.012	49.035	-0.025	49.048	-0.021	49.074	-0.004
46.131	-0.022	46.143	-0.035	46.163	-0.035	46.182	-0.031	49.080	0.000	49.101	0.013	49.117	0.013	49.131	-0.000
46.191	-0.026	46.202	-0.022	46.213	-0.022	46.226	-0.018	49.144	-0.009	49.157	-0.013	49.173	0.008	49.182	0.016
46.242	-0.014	46.258	-0.022	46.271	-0.018	46.277	-0.014	49.201	0.025	49.222	0.008	49.235	-0.014	49.243	-0.022
46.293	-0.005	46.302	-0.005	46.322	-0.001	46.331	-0.005	49.253	-0.031	49.259	-0.031	49.274	-0.022	49.280	-0.010
46.345	-0.022	46.363	-0.030	46.372	-0.026	46.391	-0.022	49.293	-0.001	49.301	0.007	49.317	-0.002	49.327	-0.014
46.404	-0.021	46.417	-0.013	46.423	-0.021	46.442	-0.025	49.349	-0.027	49.357	-0.023	49.370	-0.006	49.388	0.006
46.452	-0.021	46.463	-0.013	46.471	-0.013	46.495	-0.013	49.404	-0.002	49.416	-0.019	49.429	-0.036	49.439	-0.036
46.500	-0.025	46.514	-0.025	46.525	-0.034	46.530	-0.025	49.453	-0.020	49.473	-0.015	49.493	-0.007	49.500	-0.007
46.541	-0.021	46.554	-0.017	46.565	-0.016	46.582	-0.016	49.524	-0.020	49.542	-0.016	49.564	-0.028	49.588	-0.024
46.591	-0.016	46.608	-0.025	46.617	-0.037	46.638	-0.041	49.606	-0.020	49.627	-0.012	49.646	-0.012	49.660	-0.012
46.643	-0.037	46.659	-0.029	46.675	-0.020	46.687	-0.016	49.680	-0.004	49.686	-0.012	49.693	-0.016	49.709	-0.021
46.703	-0.012	46.711	-0.020	46.722	-0.029	46.732	-0.033	49.718	-0.029	49.746	-0.029	49.762	-0.021	49.781	-0.017
46.743	-0.016	46.756	-0.008	46.769	-0.003	46.778	0.005	49.807	-0.009	49.827	-0.004	49.848	-0.009	49.864	-0.005
46.789	0.009	46.809	0.013	46.818	0.009	46.826	0.005	49.877	0.008	49.896	-0.001	49.917	-0.009	49.937	-0.009
46.834	0.009	46.847	0.001	46.858	-0.003	46.866	-0.016	49.956	-0.022	49.980	-0.013	50.000	-0.009	50.022	-0.004
46.877	-0.029	46.890	-0.024	46.903	-0.003	46.920	0.009	50.040	0.004	50.060	-0.008	50.076	-0.021	50.092	-0.017
46.927	0.013	46.941	0.022	46.944	0.018	46.952	0.005	50.106	-0.004	50.123	0.005	50.136	0.001	50.150	-0.012
46.982	-0.008	46.982	-0.016	46.994	-0.008	47.005	0.009	50.170	-0.029	50.183	-0.029	50.200	0.001	50.204	0.014
47.011	0.013	47.029	0.022	47.041	0.022	47.051	0.009	50.226	0.031	50.234	0.027	50.252	0.010	50.270	0.006
47.067	-0.003	47.083	-0.012	47.102	-0.003	47.121	-0.016	50.281	0.014	50.301	0.027	50.324	0.023	50.333	0.014
47.132	-0.012	47.156	-0.008	47.170	-0.012	47.188	0.005	50.358	0.027	50.379	0.035	50.397	0.023	50.418	0.014
47.204	-0.008	47.218	-0.012	47.235	-0.016	47.247	-0.008	50.434	0.018	50.453	0.031	50.470	0.043	50.481	0.043
47.261	0.005	47.281	0.018	47.294	0.005	47.308	0.001	50.494	0.039	50.509	0.030	50.515	0.035	50.527	0.022
47.327	-0.021	47.342	-0.025	47.365	-0.017	47.381	-0.009	50.533	0.018						
47.410	-0.009	47.432	-0.009	47.449	0.003	47.468	0.003								
47.494	-0.010	47.518	-0.006	47.544	-0.007	47.567	0.001								
47.587	-0.011	47.603	-0.003	47.621	0.005	47.638	-0.008								
47.652	-0.012	47.671	-0.021	47.681	-0.012	47.698	-0.004								
47.710	0.013	47.725	0.017	47.737	0.013	47.751	-0.009								
47.766	-0.017	47.777	-0.026	47.791	-0.004	47.800	0.008								
47.810	0.013	47.821	0.025	47.827	0.013	47.836	0.004								
47.849	-0.004	47.866	-0.025	47.879	-0.016	47.899	-0.003								
47.910	0.005	47.921	0.026	47.931	0.035	47.942	0.035								
47.962	0.035	47.976	0.027	47.984	0.010	48.000	-0.007								
48.016	-0.019	48.028	-0.011	48.039	0.010	48.050	0.023								
48.061	0.019	48.074	0.011	48.088	-0.006	48.099	-0.019								

4.845	-0.103	4.879	0.041	4.924	0.159	4.975	0.011
5.020	0.138	5.070	-0.200	5.129	0.125	5.168	-0.094
5.212	0.067	5.263	-0.105	5.297	0.005	5.329	-0.104
5.370	-0.028	5.410	-0.078	5.447	0.058	5.476	-0.098
5.499	-0.257	5.521	-0.088	5.544	-0.016	5.586	-0.045
5.631	0.105	5.673	0.000	5.723	-0.150	5.756	-0.065
5.802	-0.107	5.840	-0.119	5.864	-0.195	5.896	-0.085
5.932	-0.198	5.974	-0.054	6.006	0.077	6.051	0.027
6.095	0.158	6.132	0.083	6.174	0.273	6.199	0.108
6.226	0.003	6.270	0.091	6.295	0.091	6.335	0.251
6.365	0.100	6.396	-0.061	6.431	0.070	6.471	-0.001
6.512	-0.065	6.541	0.011	6.584	0.133	6.616	-0.044
6.642	-0.238	6.669	-0.229	6.704	-0.255	6.751	-0.233
6.780	-0.091	6.827	0.057	6.871	0.116	6.912	0.015
6.950	0.057	6.977	-0.069	7.017	0.011	7.048	-0.032
7.080	-0.091	7.112	-0.023	7.162	0.035	7.218	0.115
7.261	0.052	7.300	-0.126	7.337	-0.059	7.367	0.072
7.410	0.202	7.445	0.122	7.477	0.042	7.508	0.159
7.550	0.113	7.575	0.028	7.605	-0.077	7.648	-0.048
7.690	0.007	7.734	0.099	7.779	-0.015	7.809	-0.112
7.837	-0.032	7.869	0.027	7.904	-0.045	7.938	-0.125
7.975	-0.147	8.015	-0.147	8.048	-0.054	8.086	-0.197
8.126	-0.168	8.160	-0.062	8.234	0.073	8.244	0.098
8.281	0.119	8.326	0.060	8.359	0.027	8.386	-0.016
8.418	0.018	8.462	0.065	8.499	0.065	8.534	0.170
8.576	0.027	8.623	0.213	8.655	0.090	8.700	0.082
8.738	0.200	8.780	0.065	8.808	-0.044	8.839	0.028
8.877	-0.048	8.939	0.036	8.976	-0.082	9.011	-0.153
9.044	-0.136	9.084	-0.120	9.119	-0.056	9.151	-0.094
9.191	-0.048	9.216	-0.136	9.247	-0.221	9.272	-0.111
9.294	-0.031	9.315	-0.052	9.335	-0.136	9.361	-0.073
9.414	-0.140	9.451	-0.237	9.478	-0.102	9.505	0.088
9.538	0.079	9.575	0.164	9.605	0.113	9.637	-0.072
9.664	0.008	9.695	0.105	9.719	0.004	9.753	-0.093
9.772	0.042	9.800	0.215	9.832	0.114	9.861	0.017
9.902	0.153	9.934	0.069	9.968	0.043	10.006	0.073
10.044	0.044	10.081	0.069	10.119	0.094	10.158	0.103
10.186	0.027	10.210	-0.036	10.250	0.074	10.278	0.002
10.312	-0.112	10.352	-0.077	10.410	-0.120	10.443	0.040
10.470	-0.023	10.517	0.053	10.561	-0.044	10.598	0.032
10.643	-0.073	10.674	-0.001	10.724	0.095	10.753	0.070
10.794	-0.008	10.846	0.074	10.887	0.045	10.916	-0.027
10.947	-0.090	10.977	-0.004	11.011	0.171	11.043	0.049
11.070	-0.115	11.112	-0.044	11.149	0.020	11.171	-0.077
11.192	-0.162	11.227	-0.058	11.262	-0.128	11.307	-0.157
11.345	-0.149	11.394	-0.145	11.432	-0.205	11.467	-0.166
11.495	-0.044	11.526	-0.023	11.574	0.028	11.604	0.028
11.638	0.032	11.671	0.087	11.706	0.133	11.745	0.133
11.788	0.146	11.831	0.121	11.864	0.053	11.908	0.070
11.942	-0.018	11.986	0.159	12.026	0.062	12.059	-0.073
12.098	-0.061	12.141	-0.145	12.179	-0.052	12.224	-0.001
12.251	-0.073	12.290	-0.073	12.332	-0.179	12.352	-0.204
12.384	-0.115	12.414	-0.035	12.446	-0.073	12.494	-0.048
12.535	-0.056	12.586	-0.031	12.625	-0.061	12.659	-0.061
12.702	-0.039	12.738	0.007	12.783	0.121	12.814	0.154
12.848	0.112	12.880	0.070	12.923	0.091	12.957	0.049

13.000	0.083	13.051	0.020	13.083	0.041	13.128	-0.014	30.182	-0.073	30.193	-0.057	30.208	-0.057	30.219	-0.040
13.193	-0.014	13.234	-0.124	13.268	-0.183	13.320	-0.136	30.246	-0.053	30.259	-0.062	30.279	-0.079	30.306	-0.079
13.373	-0.098	13.426	-0.065	13.457	-0.065	13.496	0.070	30.333	-0.059	30.359	-0.042	30.369	-0.046	30.375	-0.055
13.539	-0.069	13.596	-0.031	13.644	-0.073	13.687	0.070	30.391	-0.051	30.407	-0.047	30.427	-0.039	30.438	-0.018
13.723	-0.023	13.773	-0.023	13.814	0.062	13.859	-0.010	30.449	-0.009	30.462	-0.001	30.465	-0.001	30.483	-0.014
13.903	0.024	13.961	-0.065	14.008	0.041	14.058	-0.027	30.496	-0.005	30.507	-0.005	30.522	0.003	30.533	0.020
14.105	0.074	14.166	-0.061	14.229	0.062	14.317	0.036	30.552	0.024	30.562	0.020	30.581	0.012	30.599	0.017
14.374	0.062	14.427	0.062	14.471	-0.018	14.517	0.045	30.617	0.013	30.631	0.014	30.649	0.010	30.663	0.017
14.571	0.083	14.622	0.058	14.662	0.100	14.708	0.041	30.689	0.020	30.702	0.016	30.715	0.020	30.731	0.012
14.759	0.062	14.809	0.083	14.869	0.083	14.926	0.058	30.747	0.021	30.766	0.009	30.777	0.013	30.790	0.026
14.992	0.058	15.082	0.066	15.134	0.062	15.181	0.074	30.811	0.017	30.837	0.005	30.854	-0.016	30.880	-0.016
15.230	0.074	15.277	0.045	15.321	-0.018	15.399	-0.018	30.896	-0.004	30.909	-0.004	30.928	-0.005	30.946	-0.008
15.466	-0.006	15.524	0.020	15.610	-0.044	15.718	-0.014	30.957	-0.025	30.980	-0.016	30.989	-0.008	31.005	0.000
15.760	-0.044	15.803	0.041	15.864	-0.014	15.991	-0.014	31.025	0.021	31.047	0.008	31.055	0.003	31.074	-0.018
16.076	-0.014	16.149	-0.014	16.212	-0.039	16.284	0.024	31.084	-0.018	31.098	-0.010	31.106	-0.006	31.119	-0.011
16.339	-0.006	16.401	-0.006	16.454	-0.039	16.528	-0.039	31.129	-0.024	31.145	-0.033	31.151	-0.021	31.166	-0.013
16.614	-0.056	16.673	-0.056	16.719	-0.069	16.768	-0.044	31.175	-0.013	31.193	-0.013	31.209	-0.013	31.225	-0.026
16.933	-0.044	17.012	-0.077	17.082	-0.077	17.147	-0.031	31.248	-0.026	31.262	-0.021	31.272	-0.021	31.283	-0.025
17.204	0.020	17.279	0.011	17.301	-0.001	17.344	0.066	31.288	-0.030	31.298	-0.038	31.309	-0.042	31.330	-0.029
17.390	0.066	17.442	0.108	17.518	0.058	17.582	0.020	31.349	-0.015	31.359	-0.011	31.372	-0.002	31.389	0.003
17.661	-0.031	17.753	-0.048	17.854	-0.048	17.974	-0.094	31.407	0.004	31.421	0.004	31.436	0.012	31.458	-0.015
18.044	-0.069	18.117	-0.048	18.194	-0.001	18.266	0.024	31.486	0.014	31.495	0.022	31.518	0.017	31.544	0.015
18.344	0.066	18.415	0.138	18.499	0.087	18.584	0.133	31.555	0.032	31.563	0.040	31.573	0.052	31.600	0.051
18.676	0.146	18.756	0.121	18.833	0.074	18.920	0.045	31.613	0.047	31.635	0.053	31.643	0.053	31.658	0.062
18.981	0.028	19.059	-0.006	19.145	0.028	19.245	0.024	31.672	0.063	31.680	0.055	31.696	0.048	31.713	0.040
19.294	0.024	19.328	-0.044	19.387	-0.010	19.436	-0.031	31.745	0.049	31.761	0.043	31.788	0.044	31.798	0.047
19.533	-0.031	19.653	-0.077	19.748	-0.052	19.813	-0.044	31.812	0.051	31.827	0.049	31.835	0.043	31.853	0.043
19.911	-0.044	20.031	-0.044	20.119	-0.010	20.260	-0.014	31.865	0.047	31.880	0.047	31.890	0.047	31.904	0.043
20.350	-0.031	20.437	-0.069	20.492	-0.039	20.581	-0.066	31.923	0.034	31.941	0.051	31.960	0.068	31.975	0.063
20.661	0.024	20.765	0.024	20.839	0.011	20.917	-0.032	32.001	0.055	32.015	0.046	32.031	0.025	32.052	0.008
21.034	-0.028	21.164	-0.030	21.227	0.020	21.318	0.045	32.073	0.011	32.089	0.014	32.105	0.013	32.124	-0.001
21.444	0.042	21.561	0.057	21.725	0.054	21.854	0.053	32.149	-0.002	32.168	-0.006	32.192	-0.004	32.208	0.001
21.943	0.005	22.089	-0.004	22.249	-0.001	22.383	-0.001	32.230	0.001	32.251	-0.003	32.259	-0.020	32.273	-0.024
22.494	0.020	22.668	0.024	22.790	0.011	22.949	0.011	32.293	-0.011	32.318	-0.006	32.331	-0.018	32.347	-0.022
23.100	-0.010	23.272	-0.023	23.407	-0.023	23.510	-0.023	32.362	-0.018	32.378	-0.005	32.397	-0.009	32.410	-0.004
23.623	-0.052	23.742	-0.031	23.844	-0.010	24.083	0.007	32.422	-0.009	32.438	-0.021	32.454	-0.012	32.470	-0.000
24.302	0.007	24.521	0.007	24.722	-0.006	24.889	0.020	32.488	-0.005	32.502	0.001	32.514	-0.004	32.531	-0.016
25.036	-0.027	25.277	-0.010	25.477	0.007	25.608	-0.006	32.541	-0.020	32.563	-0.025	32.576	-0.029	32.591	0.010
25.731	-0.006	25.840	-0.024	25.983	0.024	26.069	-0.001	32.615	-0.007	32.624	-0.015	32.629	-0.015	32.643	-0.011
26.156	-0.031	26.314	-0.031	26.444	0.006	26.597	0.005	32.659	-0.011	32.667	-0.015	32.693	-0.014	32.707	0.011
26.742	0.033	26.825	0.024	26.900	-0.007	27.037	-0.006	32.734	-0.006	32.748	0.007	32.761	0.011	32.780	0.011
27.118	-0.025	27.266	-0.053	27.422	-0.048	27.565	-0.050	32.803	-0.006	32.818	-0.010	32.833	-0.010	32.844	-0.010
27.712	-0.017	27.862	-0.001	28.061	-0.001	28.227	0.020	32.860	-0.001	32.871	-0.001	32.884	0.003	32.896	0.003
28.380	0.045	28.547	0.058	28.668	0.058	28.765	0.036	32.917	-0.014	32.935	-0.023	32.943	-0.018	32.955	-0.006
28.945	0.045	29.085	0.045	29.208	0.045	29.297	0.015	32.973	-0.001	32.994	-0.014	33.008	-0.031	33.030	-0.035
29.364	0.001	29.440	-0.018	29.513	-0.018	29.567	-0.014	33.056	0.003	33.064	0.003	33.086	-0.006	33.108	-0.014
29.660	-0.014	29.674	-0.010	29.677	-0.010	29.692	-0.027	33.134	0.014	33.145	-0.018	33.162	-0.010	33.178	-0.014
29.718	-0.023	29.735	-0.023	29.748	-0.015	29.763	-0.015	33.204	0.003	33.216	0.003	33.240	-0.018	33.261	-0.010
29.777	-0.044	29.788	-0.024	29.800	-0.024	29.808	-0.020	33.280	0.003	33.296	0.003	33.310	-0.018	33.326	-0.023
29.820	-0.024	29.827	-0.033	29.835	-0.033	29.851	-0.042	33.342	-0.018	33.359	-0.001	33.380	-0.003	33.394	-0.006
29.864	-0.046	29.872	-0.042	29.886	-0.043	29.899	-0.040	33.423	-0.001	33.444	-0.001	33.452	0.003	33.476	0.015
29.920	-0.035	29.930	-0.039	29.944	-0.044	29.960	-0.040	33.499	0.014	33.520	-0.003	33.533	-0.004	33.557	0.004
29.968	-0.044	29.986	-0.053	30.000	-0.041	30.012	-0.049	33.569	0.007	33.592	0.019	33.614	0.010	33.635	0.006
30.020	-0.054	30.031	-0.058	30.041	-0.067	30.057	-0.071	33.660	0.033	33.679	0.034	33.705	0.034	33.722	0.034
30.079	-0.067	30.090	-0.063	30.108	-0.072	30.122	-0.068	33.745	0.035	33.770	0.036	33.793	0.045	33.812	0.045
30.134	-0.077	30.148	-0.073	30.161	-0.073	30.176	-0.078	33.828	0.045	33.845	0.042	33.858	0.038	33.871	0.051

41.281	0.007	41.308	0.020	41.326	0.021	41.335	0.013	45.496	-0.010	45.505	-0.006	45.520	-0.006	45.529	-0.002
41.359	0.001	41.372	0.006	41.386	0.015	41.399	0.020	45.541	0.003	45.560	0.007	45.576	0.007	45.587	0.003
41.412	0.021	41.421	0.013	41.442	0.014	41.460	0.010	45.605	-0.001	45.616	-0.009	45.630	-0.009	45.645	-0.001
41.482	0.011	41.498	0.012	41.519	0.012	41.544	0.022	45.657	0.003	45.672	0.008	45.688	0.004	45.700	-0.000
41.562	0.027	41.582	0.019	41.602	0.014	41.621	0.019	45.719	-0.020	45.732	0.004	45.743	0.000	45.754	-0.004
41.646	0.014	41.673	0.018	41.697	0.018	41.712	0.014	45.765	0.000	45.777	0.005	45.783	0.005	45.796	0.001
41.729	0.026	41.750	0.035	41.768	0.030	41.787	0.022	45.808	-0.008	45.823	-0.008	45.837	-0.003	45.858	0.005
41.804	0.026	41.820	0.026	41.836	0.017	41.857	0.013	45.878	0.001	45.891	-0.007	45.904	-0.015	45.919	-0.019
41.878	0.017	41.895	0.016	41.915	0.016	41.935	0.012	45.932	-0.015	45.947	-0.011	45.956	-0.015	45.967	-0.010
41.958	0.020	41.972	0.019	41.985	0.015	42.002	0.019	45.980	-0.014	45.986	-0.019	46.002	-0.023	46.020	-0.027
42.018	0.010	42.030	-0.003	42.038	-0.012	42.055	-0.029	46.032	-0.022	46.043	-0.026	46.059	-0.022	46.072	-0.018
42.066	-0.029	42.086	-0.012	42.105	-0.016	42.125	-0.025	46.082	-0.017	46.096	-0.013	46.109	-0.017	46.129	-0.021
42.143	-0.012	42.164	-0.012	42.177	-0.016	42.189	-0.025	46.143	-0.017	46.153	-0.017	46.171	-0.012	46.186	-0.020
42.209	-0.029	42.236	-0.016	42.253	-0.004	42.268	-0.012	46.202	-0.007	46.210	-0.007	46.215	-0.007	46.228	-0.007
42.282	-0.020	42.301	-0.021	42.311	-0.009	42.332	-0.008	46.240	-0.007	46.253	-0.011	46.261	-0.015	46.275	-0.019
42.344	-0.008	42.368	-0.008	42.387	-0.009	42.402	-0.004	46.291	-0.019	46.304	-0.010	46.317	-0.023	46.329	-0.018
42.416	-0.005	42.434	-0.000	42.447	0.008	42.464	0.012	46.345	-0.014	46.355	-0.018	46.364	-0.022	46.376	-0.026
42.485	0.003	42.504	0.003	42.522	0.007	42.539	0.007	46.387	-0.022	46.398	-0.022	46.407	-0.026	46.422	-0.034
42.552	0.003	42.565	0.003	42.573	-0.001	42.597	-0.010	46.436	-0.030	46.449	-0.026	46.458	-0.021	46.465	-0.021
42.611	-0.002	42.622	0.002	42.649	0.015	42.667	0.010	46.473	-0.025	46.488	-0.029	46.501	-0.029	46.509	-0.025
42.691	0.002	42.707	0.006	42.718	0.018	42.739	0.009	46.520	-0.029	46.536	-0.029	46.546	-0.024	46.558	-0.020
42.760	0.005	42.779	0.000	42.803	-0.008	42.820	-0.009	46.568	-0.028	46.581	-0.032	46.593	-0.028	46.609	-0.024
42.841	-0.001	42.855	-0.009	42.870	-0.009	42.892	-0.001	46.617	-0.019	46.636	-0.006	46.647	-0.011	46.662	-0.010
42.988	-0.032	42.932	-0.015	42.948	-0.015	42.969	-0.028	46.675	-0.014	46.686	-0.019	46.702	-0.018	46.711	-0.018
43.060	-0.045	43.070	-0.049	43.038	-0.040	43.050	-0.040	46.727	-0.006	46.735	-0.010	46.745	-0.010	46.753	-0.006
43.130	-0.057	43.146	-0.057	43.162	-0.066	43.185	-0.062	46.772	-0.001	46.780	-0.014	46.852	-0.010	46.871	-0.001
43.199	-0.053	43.215	-0.053	43.235	-0.070	43.256	-0.074	46.829	-0.010	46.840	-0.014	46.923	-0.001	46.935	-0.001
43.275	-0.045	43.299	-0.044	43.315	-0.053	43.336	-0.053	46.891	0.007	46.898	0.003	46.986	0.016	46.994	0.016
43.332	-0.044	43.375	-0.040	43.394	-0.040	43.411	-0.044	46.952	0.003	46.970	0.007	47.032	0.011	47.045	0.007
43.437	-0.040	43.455	-0.031	43.476	-0.027	43.494	-0.023	47.051	0.020	47.062	0.024	47.070	0.020	47.083	0.016
43.515	-0.018	43.529	-0.010	43.553	0.003	43.573	0.007	47.094	0.020	47.105	0.020	47.121	0.011	47.127	0.007
43.587	0.007	43.600	0.007	43.616	-0.001	43.642	-0.005	47.135	0.011	47.153	0.020	47.161	0.011	47.174	0.011
43.659	-0.001	43.676	0.008	43.695	-0.001	43.721	0.008	47.189	0.011	47.202	0.011	47.205	0.003	47.221	0.011
43.740	0.008	43.760	0.008	43.782	0.004	43.798	0.000	47.239	0.020	47.253	0.020	47.266	0.024	47.280	0.024
43.813	0.001	43.826	0.005	43.850	0.018	43.874	0.026	47.291	0.024	47.312	0.020	47.324	0.020	47.342	0.015
43.890	0.027	43.913	0.023	43.939	0.014	43.968	0.019	47.356	0.015	47.375	0.015	47.381	0.024	47.402	0.020
43.987	0.015	44.013	0.015	44.044	0.019	44.061	0.028	47.411	0.020	47.426	0.011	47.429	0.011	47.446	0.011
44.082	0.036	44.094	0.031	44.116	0.018	44.140	0.018	47.457	-0.001	47.473	-0.001	47.487	0.003	47.502	0.003
44.155	0.022	44.174	0.026	44.197	0.034	44.217	0.025	47.516	-0.001	47.533	-0.001	47.544	-0.001	47.559	-0.010
44.230	0.017	44.251	0.017	44.272	0.020	44.285	0.020	47.573	-0.014	47.586	-0.006	47.590	-0.001	47.603	-0.001
44.314	0.015	44.330	0.019	44.354	0.032	44.367	0.023	47.619	0.003	47.635	0.003	47.649	-0.006	47.659	-0.001
44.382	0.023	44.401	0.014	44.421	0.018	44.450	0.009	47.712	0.002	47.718	0.006	47.729	0.006	47.743	0.006
44.460	0.025	44.484	0.025	44.508	0.021	44.528	0.029	47.761	0.010	47.772	0.014	47.781	0.018	47.797	0.027
44.542	0.029	44.567	0.033	44.586	0.045	44.602	0.045	47.809	0.022	47.820	0.018	47.838	0.014	47.854	0.018
44.620	0.050	44.638	0.054	44.667	0.045	44.687	0.041	47.861	0.018	47.879	0.026	47.893	0.018	47.904	0.026
44.700	0.032	44.722	0.028	44.745	0.036	44.776	0.036	47.915	0.030	47.932	0.030	47.946	0.034	47.960	0.043
44.800	0.028	44.823	0.028	44.839	0.020	44.850	0.015	47.975	0.038	47.986	0.026	48.001	0.022	48.014	0.026
44.868	0.011	44.891	0.028	44.917	0.032	44.939	0.024	48.026	0.034	48.044	0.030	48.050	0.021	48.063	0.013
44.970	0.016	44.983	0.016	45.002	0.016	45.027	0.012	48.075	0.009	48.088	0.017	48.099	0.021	48.110	0.038
45.034	0.016	45.074	0.008	45.090	-0.004	45.117	0.012	48.119	0.042	48.133	0.047	48.141	0.047	48.159	0.038
45.134	0.008	45.150	-0.000	45.166	-0.004	45.188	0.000	48.214	0.030	48.181	0.030	48.189	0.026	48.201	0.022
45.206	0.009	45.228	0.013	45.246	0.009	45.267	0.005	48.263	0.039	48.228	0.026	48.239	0.034	48.252	0.034
45.284	0.005	45.305	0.001	45.323	-0.007	45.337	-0.016	48.332	0.031	48.345	0.031	48.357	0.035	48.372	0.030
45.358	-0.016	45.382	-0.011	45.403	-0.003	45.420	-0.011	48.393	0.031	48.406	0.031	48.419	0.035	48.432	0.030
45.435	-0.002	45.451	0.002	45.468	-0.006	45.481	-0.015								

48.383	0.014	48.395	0.010	48.414	0.014	48.427	0.018
48.441	0.027	48.454	0.027	48.466	0.027	48.477	0.031
48.487	0.031	48.498	0.022	48.514	0.022	48.530	0.030
48.548	0.022	48.561	0.017	48.571	0.005	48.594	0.009
48.607	0.013	48.618	0.034	48.638	0.034	48.648	0.029
48.662	0.021	48.673	0.012	48.692	0.003	48.707	0.016
48.724	0.016	48.739	0.011	48.753	-0.001	48.777	-0.014
48.785	-0.010	48.801	-0.006	48.817	-0.001	48.830	-0.010
48.854	-0.006	48.868	-0.001	48.881	-0.006	48.897	-0.010
48.917	0.010	48.937	-0.018	48.952	-0.006	48.965	-0.006
48.975	-0.001	48.989	-0.001	49.000	-0.010	49.013	-0.023
49.023	-0.018	49.034	-0.014	49.053	-0.006	49.069	-0.001
49.082	-0.001	49.094	-0.010	49.102	-0.018	49.114	-0.022
49.133	-0.018	49.149	-0.009	49.161	-0.000	49.174	0.008
49.193	0.013	49.213	0.013	49.226	0.009	49.240	0.009
49.264	0.009	49.277	0.009	49.293	0.014	49.307	0.014
49.315	0.014	49.335	0.014	49.352	0.006	49.370	0.002
49.381	0.011	49.399	0.010	49.416	0.006	49.429	0.014
49.444	0.014	49.457	0.014	49.473	0.022	49.489	0.022
49.505	0.022	49.513	0.022	49.527	0.030	49.537	0.038
49.551	0.033	49.561	0.021	49.583	0.024	49.596	0.037
49.609	0.032	49.617	0.036	49.638	0.044	49.647	0.040
49.667	0.027	49.676	0.031	49.691	0.043	49.706	0.043
49.725	0.030	49.733	0.038	49.751	0.038	49.765	0.030
49.785	0.025	49.796	0.029	49.815	0.029	49.830	0.033
49.843	0.041	49.859	0.037	49.872	0.028	49.900	0.036
49.914	0.032	49.929	0.027	49.953	0.023	49.969	0.023
49.982	0.023	49.992	0.039	50.021	0.035	50.031	0.026
50.048	0.026	50.066	0.026	50.082	0.025	50.102	0.021
50.124	0.029	50.140	0.020	50.152	0.007	50.178	0.011
50.200	0.019	50.222	0.014	50.243	0.005	50.267	-0.003
50.286	-0.004	50.303	0.000	50.314	0.004	50.335	0.003
50.358	0.003	50.371	0.002	50.385	-0.007	50.402	-0.007
50.413	-0.012	50.431	-0.016	50.449	-0.013	50.465	-0.021
50.475	-0.017	50.484	-0.013	50.496	-0.022	50.502	-0.018
50.510	-0.010	50.527	-0.023	50.530	-0.023		

1584 POINTS 53.156 SECONDS

1584 POINTS

53.156 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3101 G/10.

[illegible]

12.406	-0.175	12.431	-0.074	12.493	0.282	12.536	0.429	22.727	0.144	22.785	0.081	22.831	-0.041	22.875	-0.121
12.590	0.400	12.622	0.543	12.673	0.715	12.724	0.581	22.934	-0.158	23.025	-0.158	23.113	-0.133	23.203	-0.091
12.775	0.396	12.830	0.467	12.870	0.216	12.904	-0.216	23.269	0.003	23.331	0.127	23.370	0.224	23.412	0.194
12.977	-0.787	13.011	-0.888	13.049	-0.925	13.090	-0.925	23.478	0.144	23.534	0.232	23.615	0.156	23.696	0.190
13.115	-0.825	13.163	-0.422	13.206	-0.161	13.267	0.267	23.747	0.127	23.787	0.035	23.853	0.035	23.894	-0.121
13.326	0.464	13.353	0.385	13.397	0.104	13.431	-0.018	23.939	0.259	24.000	-0.330	24.053	-0.272	24.120	-0.171
13.459	0.049	13.486	0.092	13.518	-0.001	13.553	-0.147	24.173	-0.049	24.224	0.110	24.317	0.156	24.411	0.228
13.584	-0.194	13.608	-0.118	13.665	0.415	13.705	0.604	24.458	-0.190	24.514	0.119	24.572	0.110	24.632	-0.062
13.745	0.483	13.780	0.302	13.847	0.227	13.907	0.273	24.691	-0.024	24.785	-0.016	24.864	-0.011	24.930	-0.079
13.942	0.210	14.001	0.181	14.042	-0.100	14.104	-0.297	25.000	-0.121	25.084	-0.192	25.107	-0.242	25.160	-0.175
14.191	-0.477	14.239	-0.360	14.292	-0.226	14.323	-0.100	25.204	-0.116	25.260	-0.053	25.315	0.022	25.370	0.098
14.356	0.127	14.390	0.211	14.455	0.110	14.529	0.307	25.422	0.177	25.456	0.089	25.506	-0.041	25.545	-0.074
14.601	0.051	14.690	0.282	14.808	-0.322	14.839	-0.259	25.591	-0.058	25.645	-0.063	25.708	-0.000	25.776	-0.001
14.880	0.093	14.911	0.211	14.927	0.140	14.949	0.064	25.807	-0.058	25.861	0.108	25.903	0.061	25.984	-0.112
14.970	0.014	14.992	0.077	15.016	0.198	15.038	0.240	26.032	-0.175	26.099	-0.130	26.163	-0.172	26.203	-0.131
15.062	0.127	15.089	-0.112	15.115	-0.196	15.132	-0.129	26.251	-0.047	26.321	-0.048	26.399	0.038	26.462	-0.030
15.156	-0.020	15.191	0.035	15.248	0.035	15.276	-0.032	26.505	-0.043	26.560	-0.007	26.629	-0.020	26.703	0.104
15.313	-0.112	15.342	-0.032	15.379	0.215	15.420	0.253	26.806	0.136	26.897	0.201	26.987	0.217	27.082	0.220
15.468	0.257	15.502	0.228	15.532	0.119	15.587	-0.330	27.132	0.198	27.187	0.093	27.249	-0.042	27.302	-0.177
15.633	-0.486	15.669	-0.431	15.704	-0.209	15.737	-0.104	27.346	-0.240	27.381	-0.286	27.429	-0.241	27.494	-0.124
15.757	-0.167	15.790	-0.305	15.813	-0.343	15.836	-0.267	27.554	-0.040	27.602	-0.077	27.645	-0.169	27.750	0.224
15.868	0.085	15.891	0.358	15.948	0.631	15.983	0.505	27.800	0.316	27.848	0.354	27.910	0.307	27.978	0.219
16.013	0.249	16.034	0.190	16.057	0.253	16.087	0.438	28.040	0.131	28.103	0.035	28.161	-0.007	28.206	0.022
16.119	0.559	16.157	0.442	16.251	0.165	16.302	0.009	28.263	0.072	28.316	0.030	28.384	0.030	28.458	0.039
16.366	-0.280	16.412	-0.490	16.457	-0.570	16.488	-0.469	28.585	0.093	28.621	0.131	28.699	0.140	28.766	0.064
16.512	-0.368	16.541	-0.309	16.579	-0.339	16.616	-0.255	28.818	0.060	28.880	0.102	28.954	0.081	29.041	0.030
16.662	-0.100	16.708	0.001	16.755	-0.083	16.819	-0.066	29.087	-0.028	29.156	-0.158	29.221	-0.242	29.284	-0.263
16.870	-0.083	16.899	-0.007	16.932	0.190	16.968	0.295	29.347	-0.243	29.416	-0.222	29.473	-0.202	29.554	-0.102
16.993	0.211	17.038	-0.016	17.067	-0.053	17.097	-0.003	29.627	-0.060	29.764	-0.040	29.863	-0.050	29.923	-0.075
17.130	0.043	17.163	-0.003	17.212	-0.108	17.257	-0.154	29.994	-0.046	30.027	-0.072	30.060	-0.125	30.092	-0.137
17.285	-0.125	17.333	-0.074	17.365	-0.100	17.396	-0.226	30.127	-0.141	30.157	-0.144	30.190	-0.159	30.210	-0.181
17.425	-0.272	17.456	-0.158	17.491	0.030	17.539	0.169	30.231	-0.199	30.245	-0.204	30.261	-0.218	30.289	-0.219
17.586	0.291	17.616	0.265	17.652	0.228	17.679	0.312	30.316	-0.212	30.351	-0.188	30.376	-0.164	30.396	-0.144
17.706	0.433	17.751	0.488	17.792	0.433	17.829	0.228	30.419	-0.127	30.431	-0.111	30.444	-0.090	30.462	-0.069
17.864	-0.167	17.902	-0.540	17.940	-0.662	17.976	-0.595	30.472	-0.065	30.502	-0.032	30.524	-0.024	30.545	-0.003
18.018	-0.431	18.047	-0.238	18.082	0.102	18.127	0.286	30.569	0.009	30.597	0.013	30.624	0.038	30.650	0.038
18.191	0.261	18.268	0.319	18.334	0.248	18.397	0.290	30.682	0.030	30.715	0.021	30.737	0.008	30.762	0.004
18.467	0.117	18.507	0.029	18.544	0.029	18.584	0.085	30.780	-0.001	30.807	-0.009	30.823	-0.018	30.850	-0.018
18.769	-0.274	18.830	-0.333	18.899	-0.304	18.954	-0.354	30.875	-0.019	30.911	-0.028	30.936	-0.037	30.958	-0.041
18.988	-0.187	19.026	0.111	19.069	0.207	19.132	0.266	30.988	-0.038	30.999	-0.025	31.011	-0.009	31.031	0.003
19.162	-0.186	19.201	-0.007	19.239	-0.113	19.276	-0.163	31.046	0.003	31.071	0.027	31.104	0.027	31.129	0.034
19.330	-0.033	19.383	-0.055	19.424	-0.051	19.476	-0.034	31.150	0.059	31.173	0.084	31.192	0.113	31.230	0.133
19.537	0.079	19.581	0.024	19.642	0.125	19.690	0.070	31.265	0.149	31.293	0.174	31.321	0.182	31.348	0.182
19.760	-0.136	19.817	-0.157	19.868	-0.258	19.926	-0.359	31.389	0.182	31.426	0.162	31.466	0.177	31.497	0.156
19.973	-0.262	20.030	0.010	20.124	0.065	20.164	0.162	31.527	0.127	31.554	0.089	31.575	0.060	31.607	0.056
20.218	0.278	20.249	0.203	20.296	0.127	20.348	0.127	31.625	0.056	31.667	0.056	31.712	0.026	31.760	0.005
20.390	0.056	20.430	-0.032	20.542	0.009	20.648	-0.016	31.789	-0.016	31.820	0.001	31.849	0.009	31.862	0.026
20.713	0.056	20.793	-0.150	20.918	-0.226	20.962	-0.142	31.899	0.035	31.920	0.047	31.945	0.051	31.980	0.035
20.997	-0.066	21.071	0.001	21.138	0.114	21.203	0.257	32.000	0.051	32.023	0.051	32.046	0.089	32.073	0.122
21.266	0.228	21.331	0.307	21.391	0.270	21.474	0.173	32.128	0.080	32.141	0.038	32.166	-0.004	32.194	-0.004
21.570	0.064	21.630	0.047	21.705	0.026	21.757	-0.024	32.211	-0.004	32.248	0.009	32.291	-0.013	32.331	-0.026
21.812	-0.016	21.862	0.026	21.904	0.093	21.947	0.144	32.276	-0.043	32.427	-0.030	32.465	-0.039	32.498	-0.039
21.977	0.161	22.005	0.240	22.057	0.303	22.105	0.224	32.551	-0.044	32.614	-0.049	32.644	-0.032	32.682	-0.028
22.154	0.127	22.217	0.060	22.267	-0.116	22.302	-0.200	32.709	-0.028	32.776	0.012	32.818	0.035	32.863	0.043
22.332	-0.175	22.377	-0.133	22.412	-0.171	22.452	-0.217	32.902	0.081	32.929	0.071	32.954	0.056	32.997	0.047
22.505	-0.137	22.556	-0.011	22.616	0.102	22.664	0.165	33.034	0.047	33.089	0.047	33.149	0.047	33.200	0.047

33.228	0.047	33.263	0.009	33.302	-0.011	33.343	-0.032	41.715	0.003	41.732	0.013	41.755	0.038	41.778	0.038
33.371	-0.032	33.416	-0.023	33.441	-0.040	33.488	-0.077	41.806	0.038	41.825	0.038	41.846	0.038	41.860	0.038
33.528	-0.090	33.565	-0.077	33.602	-0.098	33.630	-0.098	41.874	0.009	41.901	-0.004	41.919	-0.029	41.939	-0.059
33.655	-0.110	33.680	-0.097	33.707	-0.076	33.737	-0.075	41.953	-0.080	41.974	-0.113	41.999	-0.122	42.021	-0.110
33.770	-0.087	33.807	-0.091	33.849	-0.086	33.881	-0.065	42.034	-0.089	42.051	-0.077	42.074	-0.077	42.106	-0.082
33.944	-0.076	33.994	-0.084	34.015	-0.096	34.037	-0.096	42.140	-0.086	42.150	-0.066	42.171	-0.041	42.191	-0.012
34.082	-0.096	34.127	-0.112	34.167	-0.112	34.210	-0.111	42.256	0.021	42.285	0.058	42.315	0.070	42.333	0.095
34.260	-0.073	34.303	-0.060	34.321	-0.059	34.354	-0.076	42.361	0.107	42.388	0.107	42.415	0.085	42.440	0.068
34.381	-0.084	34.409	-0.080	34.441	-0.067	34.481	-0.067	42.460	0.068	42.485	0.071	42.511	0.049	42.558	0.022
34.568	-0.105	34.615	-0.130	34.659	-0.121	34.697	-0.100	42.586	0.008	42.611	-0.026	42.633	0.039	42.654	-0.027
34.742	-0.087	34.772	-0.054	34.810	-0.024	34.835	0.001	42.681	-0.015	42.706	-0.003	42.746	0.012	42.772	-0.013
34.863	0.001	34.903	0.030	34.949	0.051	34.989	0.085	42.799	-0.035	42.827	-0.021	42.849	-0.070	42.872	-0.041
35.059	0.131	35.106	0.152	35.153	0.194	35.184	0.236	42.901	-0.020	42.940	-0.021	42.999	-0.018	43.029	-0.006
35.199	0.231	35.244	0.184	35.284	0.133	35.339	0.099	43.052	-0.006	43.073	-0.006	43.122	-0.019	43.148	-0.028
35.364	0.098	35.406	0.106	35.465	0.079	35.517	0.056	43.170	-0.002	43.193	-0.003	43.231	0.006	43.298	-0.041
35.577	-0.025	35.630	-0.002	35.719	-0.030	35.773	-0.031	43.329	-0.041	43.359	-0.041	43.391	-0.041	43.426	-0.029
35.811	-0.016	35.883	-0.001	35.932	0.031	35.972	0.047	43.459	-0.029	43.484	-0.029	43.521	-0.046	43.548	-0.050
36.032	0.083	36.075	0.099	36.109	0.098	36.145	0.085	43.578	-0.051	43.593	-0.038	43.623	-0.034	43.643	-0.034
36.205	0.084	36.250	0.079	36.299	0.074	36.333	0.057	43.666	-0.034	43.691	-0.035	43.720	-0.035	43.743	-0.035
36.368	0.053	36.415	0.023	36.472	-0.061	36.514	-0.107	43.765	-0.015	43.787	0.006	43.812	0.027	43.838	0.035
36.564	-0.133	36.625	-0.162	36.678	-0.184	36.747	-0.175	43.868	0.038	43.905	0.038	43.924	0.033	43.957	-0.001
36.792	-0.137	36.840	-0.100	36.900	-0.074	36.940	-0.053	43.984	-0.031	44.017	-0.044	44.044	-0.036	44.070	-0.002
36.996	-0.049	37.032	-0.053	37.079	-0.049	37.121	-0.032	44.094	0.010	44.119	0.010	44.139	0.009	44.164	0.013
37.168	-0.024	37.223	-0.028	37.247	-0.028	37.290	-0.040	44.187	0.004	44.214	0.008	44.239	0.029	44.271	0.020
37.337	-0.040	37.369	-0.010	37.406	0.016	37.438	0.033	44.297	-0.001	44.324	-0.018	44.351	-0.023	44.384	-0.023
37.468	0.046	37.496	0.067	37.531	0.089	37.566	0.077	44.406	-0.028	44.432	-0.032	44.454	-0.028	44.472	-0.012
37.625	0.044	37.682	0.029	37.730	0.030	37.770	0.023	44.499	0.009	44.518	0.042	44.545	0.059	44.551	0.050
37.805	0.053	37.842	0.067	37.886	0.055	37.937	0.005	44.570	0.050	44.585	0.050	44.596	0.058	44.616	0.058
37.995	-0.036	38.052	-0.086	38.090	-0.094	38.134	-0.090	44.636	0.062	44.656	0.045	44.679	0.049	44.697	0.061
38.181	-0.060	38.226	-0.039	38.267	-0.026	38.307	0.003	44.715	0.074	44.735	0.078	44.756	0.086	44.801	0.040
38.350	0.007	38.382	-0.022	38.430	-0.040	38.488	-0.049	44.823	0.019	44.844	0.002	44.867	-0.027	44.887	-0.040
38.519	-0.036	38.564	-0.003	38.598	0.034	38.628	0.059	44.910	-0.053	44.928	-0.057	44.960	-0.061	44.986	-0.082
38.683	0.051	38.727	0.054	38.784	0.037	38.825	0.020	45.019	-0.099	45.045	-0.108	45.072	-0.100	45.088	-0.091
38.871	0.015	38.937	0.014	38.970	0.047	39.005	0.084	45.121	-0.083	45.148	-0.083	45.176	-0.079	45.200	-0.058
39.059	0.054	39.120	0.032	39.176	0.006	39.223	-0.012	45.223	-0.037	45.235	-0.011	45.263	0.005	45.288	0.014
39.252	-0.042	39.287	-0.042	39.333	-0.064	39.371	-0.070	45.299	0.030	45.316	0.039	45.344	0.043	45.362	0.018
39.404	-0.067	39.489	-0.066	39.541	-0.051	39.582	-0.091	45.383	0.009	45.415	-0.007	45.436	0.005	45.463	0.018
39.638	-0.038	39.688	0.014	39.729	0.046	39.778	0.024	45.496	0.018	45.526	-0.007	45.548	-0.024	45.571	-0.037
39.819	0.018	39.853	0.063	39.884	0.084	39.930	0.070	45.624	-0.041	45.655	-0.041	45.680	-0.024	45.697	-0.011
39.993	0.007	40.042	-0.015	40.096	-0.019	40.131	-0.007	45.712	0.005	45.732	0.030	45.748	0.047	45.755	0.072
40.165	-0.007	40.191	-0.003	40.222	-0.015	40.260	-0.028	45.780	0.068	45.793	0.060	45.805	0.056	45.821	0.047
40.287	-0.028	40.325	-0.049	40.358	-0.032	40.390	-0.032	45.838	0.043	45.855	0.039	45.871	0.035	45.881	0.039
40.416	-0.028	40.448	-0.020	40.474	-0.020	40.504	-0.003	45.893	0.039	45.904	0.043	45.913	0.047	45.929	0.051
40.505	0.001	40.537	0.022	40.556	0.030	40.571	0.047	45.947	0.051	45.959	0.043	45.972	0.035	45.992	0.039
40.599	0.051	40.634	0.051	40.660	0.051	40.687	0.051	46.012	0.051	46.027	0.056	46.047	0.039	46.050	0.039
40.719	0.039	40.749	0.026	40.779	0.043	40.797	0.043	46.065	0.035	46.075	0.035	46.090	0.026	46.100	0.018
40.818	0.064	40.845	0.077	40.871	0.077	40.886	0.072	46.115	0.026	46.127	0.030	46.146	0.035	46.158	0.035
40.917	0.039	40.939	0.022	40.957	0.014	40.982	-0.003	46.170	0.030	46.178	0.022	46.193	0.026	46.205	0.026
40.998	-0.020	41.020	-0.020	41.049	-0.011	41.082	-0.013	46.219	0.018	46.231	0.026	46.244	0.030	46.259	0.039
41.097	-0.007	41.117	0.005	41.137	0.018	41.157	0.022	46.273	0.047	46.289	0.043	46.302	0.035	46.312	0.026
41.170	0.039	41.190	0.039	41.211	0.022	41.238	0.014	46.324	0.014	46.336	0.001	46.349	-0.007	46.359	-0.016
41.264	0.014	41.279	0.018	41.301	0.001	41.325	0.001	46.372	-0.024	46.385	-0.032	46.400	-0.041	46.417	-0.028
41.349	0.001	41.368	0.001	41.390	-0.003	41.402	-0.016	46.433	-0.016	46.445	-0.016	46.458	-0.016	46.471	-0.007
41.416	-0.032	41.450	-0.066	41.473	-0.083	41.488	-0.095	46.490	0.001	46.509	-0.003	46.529	0.001	46.541	0.014
41.508	-0.100	41.521	-0.083	41.544	-0.083	41.567	-0.083	46.556	0.026	46.564	0.035	46.576	0.043	46.587	0.051
41.592	-0.108	41.612	-0.129	41.631	-0.125	41.647	-0.091	46.600	0.056	46.615	0.060	46.633	0.056	46.650	0.060

46.663	0.036	46.677	0.051	46.690	0.060	46.703	0.051	51.012	0.071	51.058	0.050	51.088	0.033	51.101	0.008
46.716	0.039	46.728	0.026	46.739	0.022	46.746	0.026	51.140	-0.022	51.170	-0.039	51.196	-0.047	51.214	-0.060
46.761	0.026	46.772	0.026	46.781	0.018	46.794	0.014	51.241	-0.064	51.256	-0.069	51.276	-0.065	51.296	-0.039
46.807	0.018	46.818	0.005	46.834	0.005	46.849	-0.007	51.322	-0.027	51.355	-0.002	51.385	0.002	51.415	0.019
46.865	-0.007	46.878	-0.011	46.892	-0.028	46.910	-0.028	51.448	0.035	51.480	0.052	51.505	0.073	51.528	0.089
46.925	-0.037	46.931	-0.032	46.950	-0.028	46.971	-0.041	51.545	0.098	51.586	0.068	51.619	0.056	51.651	0.039
46.981	-0.034	47.000	-0.049	47.021	-0.046	47.041	-0.037	51.654	0.039	51.692	0.001	51.726	-0.007	51.752	-0.032
47.058	-0.029	47.064	-0.021	47.084	0.004	47.093	0.008	51.787	-0.041	51.823	-0.041	51.848	-0.032	51.878	-0.024
47.106	0.008	47.119	0.021	47.141	0.020	47.154	0.012	51.905	-0.016	51.930	-0.011	51.955	0.005	51.978	0.009
47.171	-0.001	47.188	-0.009	47.204	-0.005	47.218	-0.001	52.030	0.005	52.065	-0.033	52.090	-0.062	52.123	-0.084
47.238	0.019	47.251	0.023	47.266	0.027	47.284	0.032	52.156	-0.092	52.203	-0.072	52.236	-0.063	52.258	-0.063
47.301	0.023	47.321	0.023	47.332	0.023	47.351	0.014	52.285	-0.064	52.303	-0.051	52.323	-0.026	52.346	-0.010
47.361	0.001	47.374	-0.011	47.392	-0.016	47.412	-0.008	52.373	-0.014	52.405	-0.018	52.431	0.011	52.460	0.019
47.432	0.013	47.444	0.026	47.457	0.026	47.480	0.025	52.493	0.031	52.515	0.048	52.531	0.035	52.551	0.023
47.500	0.029	47.517	0.046	47.535	0.042	47.554	0.037	52.581	-0.011	52.598	-0.036	52.625	-0.049	52.643	-0.020
47.570	0.041	47.585	0.054	47.592	0.062	47.615	0.045	52.658	-0.004	52.673	-0.017	52.710	-0.055	52.747	-0.073
47.630	0.028	47.650	0.036	47.667	0.036	47.678	0.044	52.782	-0.061	52.800	-0.044	52.832	-0.040	52.852	-0.053
47.692	0.048	47.710	0.040	47.730	0.027	47.746	0.006	52.892	-0.063	52.920	-0.042	52.940	-0.021	52.973	-0.030
47.776	-0.007	47.798	0.001	47.806	0.001	47.826	0.000	52.998	-0.030	53.020	-0.027	53.033	-0.027	53.064	-0.019
47.851	-0.000	47.871	0.003	47.884	0.011	47.904	0.011	53.093	-0.023	53.118	-0.023	53.136	-0.024	53.156	-0.024
47.926	-0.011	47.938	-0.011	47.959	-0.024	47.969	-0.020								
47.981	-0.016	47.991	-0.004	47.996	-0.004	48.009	-0.004								
48.024	-0.009	48.034	-0.009	48.042	-0.009	48.063	-0.010								
48.075	-0.019	48.092	-0.019	48.110	-0.024	48.120	-0.024								
48.131	-0.024	48.143	-0.024	48.155	-0.025	48.163	-0.025								
48.174	-0.025	48.184	-0.025	48.194	-0.017	48.208	-0.009								
48.216	0.003	48.231	0.007	48.242	0.007	48.271	0.006								
48.285	-0.007	48.309	0.001	48.327	0.009	48.343	0.009								
48.362	0.012	48.373	0.016	48.383	0.025	48.401	0.033								
48.408	0.037	48.416	0.036	48.436	0.036	48.448	0.044								
48.456	0.048	48.466	0.060	48.478	0.064	48.505	0.051								
48.521	0.026	48.536	0.021	48.551	0.008	48.568	-0.009								
48.580	-0.022	48.593	-0.039	48.608	-0.064	48.623	-0.077								
48.631	-0.094	48.655	-0.095	48.671	-0.087	48.686	-0.066								
48.700	-0.058	48.718	-0.037	48.726	-0.029	48.741	-0.017								
48.760	-0.013	48.773	0.004	48.790	0.004	48.813	0.012								
48.833	0.032	48.850	0.045	48.870	0.044	48.895	0.044								
48.908	0.056	48.935	0.056	48.967	0.055	48.982	0.059								
49.002	0.063	49.028	0.063	49.050	0.041	49.085	0.016								
49.110	-0.010	49.150	-0.015	49.174	-0.015	49.199	-0.016								
49.227	-0.016	49.287	-0.017	49.314	-0.038	49.340	-0.047								
49.369	-0.056	49.397	-0.056	49.421	-0.036	49.450	-0.032								
49.470	-0.028	49.494	-0.020	49.515	-0.008	49.537	-0.004								
49.558	-0.004	49.580	-0.017	49.602	-0.017	49.623	-0.009								
49.643	-0.001	49.666	-0.001	49.696	-0.014	49.721	-0.031								
49.753	-0.045	49.766	-0.045	49.798	-0.045	49.816	-0.046								
49.833	-0.038	49.881	-0.038	49.912	-0.039	49.936	-0.039								
49.957	-0.031	49.976	-0.019	50.032	-0.020	50.054	-0.021								
50.076	-0.013	50.099	-0.030	50.121	-0.030	50.146	-0.043								
50.172	-0.044	50.204	-0.049	50.264	-0.037	50.291	-0.021								
50.316	-0.009	50.364	0.007	50.376	0.015	50.419	-0.007								
50.446	-0.015	50.476	-0.024	50.501	-0.025	50.526	-0.025								
50.556	-0.022	50.595	-0.022	50.615	-0.044	50.647	-0.048								
50.668	-0.053	50.700	-0.053	50.715	-0.049	50.737	-0.037								
50.760	-0.038	50.795	-0.030	50.817	-0.022	50.845	-0.006								
50.891	0.019	50.924	0.035	50.944	0.051	50.975	0.072								

3.708	0.068	3.724	0.034	3.732	-0.049	3.739	-0.121	6.311	-0.172	6.323	-0.285	6.344	-0.332	6.346	-0.361
3.744	-0.179	3.752	-0.289	3.753	-0.410	3.768	-0.536	6.358	-0.285	6.371	-0.201	6.381	-0.076	6.386	0.038
3.780	-0.637	3.789	-0.733	3.801	-0.842	3.814	-0.922	6.411	0.109	6.427	0.029	6.441	-0.071	6.457	-0.210
3.829	-1.027	3.847	-1.170	3.861	-1.081	3.866	-1.006	6.471	0.315	6.487	-0.361	6.504	-0.277	6.522	-0.155
3.873	-0.876	3.878	-0.745	3.886	-0.628	3.888	-0.489	6.531	-0.038	6.541	0.105	6.557	0.243	6.572	0.273
3.889	-0.372	3.894	-0.225	3.899	-0.149	3.901	-0.087	6.582	0.214	6.597	0.155	6.614	0.038	6.636	-0.076
3.904	0.082	3.909	0.132	3.911	0.237	3.912	0.279	6.661	-0.112	6.677	-0.227	6.694	-0.273	6.697	-0.323
3.916	0.363	3.920	0.430	3.927	0.489	3.932	0.581	6.704	-0.407	6.716	-0.508	6.737	-0.587	6.754	-0.621
3.937	0.598	3.943	0.543	3.958	0.455	3.963	0.401	6.781	-0.592	6.809	-0.495	6.812	-0.441	6.822	-0.382
3.970	0.325	3.975	0.258	3.986	0.191	3.999	0.141	6.857	-0.327	6.866	-0.298	6.889	-0.302	6.911	-0.302
4.017	0.107	4.029	0.023	4.034	-0.069	4.040	-0.157	6.929	-0.231	6.942	-0.101	6.954	-0.000	6.957	0.117
4.049	-0.232	4.050	-0.308	4.065	-0.396	4.072	-0.534	6.967	0.235	6.978	0.378	6.991	0.499	7.004	0.550
4.082	-0.488	4.083	-0.425	4.090	-0.337	4.101	-0.215	7.019	0.608	7.034	0.646	7.056	0.676	7.063	0.730
4.103	-0.123	4.114	0.016	4.119	0.125	4.124	0.234	7.078	0.768	7.096	0.726	7.116	0.625	7.130	0.525
4.132	0.406	4.144	0.591	4.151	0.687	4.162	0.775	7.150	0.348	7.163	0.227	7.185	0.076	7.210	-0.059
4.185	0.801	4.200	0.801	4.208	0.839	4.224	0.860	7.227	-0.131	7.250	-0.168	7.262	-0.214	7.282	-0.298
4.234	0.885	4.244	0.889	4.254	0.847	4.261	0.789	7.292	-0.386	7.312	-0.529	7.322	-0.634	7.339	-0.726
4.266	0.713	4.272	0.642	4.275	0.549	4.290	0.344	7.365	-0.785	7.391	-0.730	7.422	-0.629	7.429	-0.516
4.292	0.295	4.307	0.017	4.315	-0.143	4.325	-0.285	7.430	-0.436	7.454	-0.336	7.478	-0.243	7.508	-0.159
4.330	-0.315	4.364	-0.335	4.367	-0.411	4.384	-0.541	7.522	-0.109	7.538	-0.029	7.556	-0.097	7.578	-0.193
4.404	-0.675	4.425	-0.654	4.438	-0.779	4.452	-0.846	7.583	-0.248	7.608	-0.285	7.623	-0.201	7.637	-0.092
4.465	-0.934	4.477	-0.960	4.490	-1.022	4.503	-1.085	7.642	0.025	7.649	0.138	7.661	0.281	7.664	0.407
4.517	-1.211	4.542	-1.140	4.542	-1.030	4.550	-0.913	7.671	0.512	7.680	0.634	7.694	0.701	7.702	0.764
4.556	-0.745	4.558	-0.606	4.568	-0.455	4.571	-0.283	7.715	0.718	7.738	0.676	7.752	0.646	7.767	0.663
4.591	-0.132	4.610	-0.178	4.630	-0.186	4.636	-0.111	7.780	0.634	7.801	0.529	7.816	0.327	7.833	0.134
4.665	-0.088	4.683	-0.077	4.699	-0.001	4.718	0.171	7.849	-0.113	7.868	-0.315	7.894	-0.499	7.907	-0.373
4.726	0.301	4.739	0.570	4.749	0.721	4.758	0.860	7.925	-0.285	7.939	-0.172	7.949	-0.067	7.995	0.088
4.771	1.024	4.778	1.166	4.788	1.301	4.804	1.397	8.013	0.122	8.026	0.126	8.052	0.042	8.077	-0.029
4.839	1.356	4.856	1.276	4.871	1.226	4.896	1.276	8.099	-0.098	8.120	-0.147	8.132	-0.210	8.145	-0.273
4.912	1.339	4.922	1.293	4.931	1.188	4.937	1.092	8.153	-0.369	8.166	-0.432	8.173	-0.508	8.199	-0.613
4.947	0.954	4.952	0.777	4.964	0.555	4.983	0.308	8.222	-0.571	8.244	-0.537	8.247	-0.550	8.277	-0.529
4.998	0.085	5.011	-0.053	5.021	-0.217	5.043	-0.435	8.295	-0.583	8.308	-0.520	8.352	-0.059	8.385	0.117
5.058	-0.590	5.076	-0.825	5.093	-1.173	5.107	-1.404	8.420	0.218	8.439	0.281	8.457	0.323	8.475	0.260
5.112	-1.609	5.130	-1.844	5.150	-1.769	5.165	-1.538	8.502	0.193	8.519	0.172	8.527	0.214	8.564	0.390
5.170	-1.475	5.177	-1.332	5.184	-1.151	5.187	-1.038	8.594	0.546	8.620	0.634	8.635	0.676	8.655	0.642
5.194	-0.950	5.209	-0.795	5.219	-0.757	5.236	-0.836	8.695	0.415	8.739	0.029	8.760	-0.147	8.779	-0.206
5.244	-0.975	5.272	-1.113	5.272	-1.285	5.284	-1.151	8.806	-0.243	8.834	-0.281	8.861	-0.332	8.881	-0.319
5.293	-1.046	5.304	-0.853	5.308	-0.719	5.316	-0.568	8.907	-0.277	8.939	-0.197	8.966	-0.151	8.980	-0.172
5.321	-0.391	5.328	-0.211	5.338	-0.064	5.344	0.083	9.010	-0.294	9.034	-0.294	9.072	-0.277	9.109	-0.151
5.351	0.230	5.358	0.364	5.371	0.540	5.380	0.679	9.159	0.080	9.207	0.470	9.233	0.546	9.252	0.491
5.388	0.792	5.398	0.910	5.413	1.052	5.431	1.187	9.300	0.365	9.345	0.189	9.386	-0.021	9.408	-0.059
5.450	1.120	5.458	1.019	5.468	0.860	5.476	0.725	9.426	-0.021	9.477	0.101	9.498	0.134	9.518	0.055
5.488	0.532	5.498	0.440	5.513	0.310	5.531	0.377	9.555	-0.260	9.611	-0.814	9.635	-0.890	9.653	-0.848
5.536	0.448	5.541	0.545	5.558	0.650	5.565	0.675	9.694	-0.432	9.740	0.042	9.777	0.172	9.795	0.143
5.575	0.625	5.586	0.541	5.598	0.339	5.608	0.117	9.824	0.071	9.846	0.050	9.869	0.117	9.955	0.344
5.618	0.012	5.634	-0.097	5.658	-0.084	5.681	-0.046	9.993	0.403	10.047	0.445	10.076	0.344	10.131	-0.000
5.698	0.008	5.719	0.105	5.738	0.193	5.751	0.264	10.169	0.134	10.200	-0.185	10.221	-0.176	10.247	-0.159
5.769	0.298	5.784	0.235	5.807	0.134	5.817	-0.055	10.272	-0.227	10.303	-0.315	10.329	-0.378	10.352	-0.344
5.834	-0.243	5.852	-0.449	5.884	-0.579	5.906	-0.806	10.394	-0.029	10.417	0.025	10.445	0.097	10.469	0.159
5.921	-1.016	5.939	-1.167	5.959	-1.242	5.978	-1.150	10.485	0.197	10.507	0.164	10.538	0.088	10.562	0.059
6.005	-1.028	6.008	-0.906	6.017	-0.814	6.026	-0.663	10.583	0.076	10.631	0.151	10.656	0.193	10.683	0.105
6.033	-0.466	6.041	-0.239	6.046	-0.004	6.055	0.155	10.744	-0.193	10.770	-0.269	10.799	-0.201	10.830	-0.067
6.065	0.390	6.076	0.491	6.093	0.583	6.123	0.642	10.848	-0.013	10.865	-0.101	10.906	-0.260	10.943	-0.250
6.137	0.676	6.152	0.730	6.166	0.747	6.177	0.818	10.997	-0.285	11.035	-0.218	11.062	-0.264	11.085	-0.256
6.195	0.877	6.210	0.797	6.230	0.684	6.250	0.571	11.108	-0.193	11.190	0.373	11.222	0.491	11.249	0.424
6.272	0.491	6.283	0.373	6.288	0.222	6.308	-0.038	11.324	0.206	11.364	0.097	11.386	0.130	11.411	0.206

11.431	0.248	11.454	0.159	11.519	-0.201	11.544	-0.252	19.649	-0.176	19.670	-0.206	19.697	-0.235	19.737	-0.222
11.573	-0.252	11.598	-0.231	11.636	-0.155	11.668	-0.176	19.765	-0.235	19.797	-0.264	19.825	-0.210	19.886	-0.004
11.693	-0.113	11.760	0.403	11.797	0.567	11.830	0.428	19.932	0.067	19.958	0.042	20.007	-0.063	20.037	-0.092
11.877	0.050	11.905	-0.004	11.930	0.071	11.963	0.222	20.065	-0.038	20.106	0.055	20.134	0.084	20.179	0.092
11.983	0.327	12.006	0.273	12.056	-0.067	12.101	-0.206	20.221	0.126	20.268	0.126	20.301	0.172	20.333	0.227
12.142	-0.298	12.176	-0.361	12.199	-0.327	12.295	0.050	20.362	0.273	20.417	0.222	20.516	0.109	20.623	-0.055
12.323	0.159	12.348	0.206	12.371	0.172	12.404	0.164	20.688	-0.214	20.730	-0.256	20.778	-0.193	20.815	-0.092
12.431	0.210	12.463	0.260	12.486	0.277	12.504	0.256	20.870	0.101	20.904	0.168	20.995	0.164	21.045	0.138
12.526	0.088	12.567	-0.126	12.585	-0.159	12.626	-0.159	21.083	0.092	21.146	0.092	21.180	0.055	21.214	-0.025
12.652	-0.193	12.676	-0.185	12.698	-0.147	12.724	-0.231	21.246	-0.059	21.293	-0.042	21.326	0.013	21.379	0.109
12.770	-0.161	12.801	-0.394	12.834	-0.323	12.878	0.084	21.434	0.185	21.506	0.252	21.559	0.273	21.607	0.227
12.927	0.126	12.955	0.210	12.980	0.189	13.013	0.134	21.659	0.164	21.715	-0.000	21.745	-0.042	21.799	-0.067
13.039	0.109	13.084	0.168	13.114	0.248	13.140	0.281	21.832	-0.122	21.900	-0.168	21.940	0.130	22.064	0.080
13.170	0.243	13.204	0.097	13.252	-0.008	13.312	-0.239	22.107	0.151	22.137	0.101	22.174	0.034	22.212	0.013
13.336	-0.281	13.368	-0.235	13.406	-0.076	13.437	-0.013	22.247	0.025	22.274	0.059	22.300	0.029	22.367	-0.159
13.464	-0.021	13.503	-0.101	13.531	-0.134	13.554	-0.088	22.395	-0.222	22.425	-0.252	22.458	-0.218	22.501	-0.155
13.579	0.004	13.603	0.067	13.629	0.013	13.695	-0.180	22.538	-0.122	22.554	-0.122	22.579	-0.147	22.603	-0.151
13.735	0.277	13.778	-0.248	13.855	-0.042	13.890	0.126	22.626	-0.088	22.690	0.172	22.734	0.277	22.777	0.252
13.912	0.180	13.935	0.155	13.958	0.117	13.983	0.172	22.818	0.180	22.863	0.109	22.951	0.126	22.987	0.088
14.036	0.504	14.062	0.629	14.095	0.537	14.170	0.294	23.024	0.042	23.062	-0.008	23.105	-0.034	23.137	-0.013
14.236	-0.239	14.274	-0.655	14.294	-0.713	14.313	-0.638	23.170	0.034	23.198	-0.000	23.241	-0.084	23.271	-0.118
14.371	-0.403	14.406	-0.344	14.439	-0.432	14.481	-0.462	23.306	-0.105	23.334	-0.088	23.355	-0.130	23.390	-0.176
14.514	-0.357	14.609	0.269	14.648	0.457	14.674	0.478	23.427	-0.205	23.463	-0.168	23.521	-0.021	23.575	0.047
14.720	0.453	14.738	0.327	14.770	0.097	14.803	-0.050	23.635	0.097	23.666	0.114	23.737	0.114	23.771	0.068
14.829	0.029	14.857	0.126	14.883	0.046	14.937	-0.222	23.825	-0.075	23.856	-0.125	23.891	-0.108	23.970	0.010
14.974	-0.294	15.010	-0.332	15.041	-0.340	15.062	-0.243	24.028	0.052	24.066	0.102	24.107	0.153	24.137	0.107
15.132	0.193	15.158	0.294	15.194	0.206	15.354	0.260	24.183	-0.023	24.233	-0.073	24.295	-0.128	24.355	-0.182
15.276	0.206	15.295	0.159	15.324	0.206	15.354	0.260	24.396	-0.215	24.444	-0.182	24.490	-0.135	24.524	-0.039
15.397	0.285	15.438	0.298	15.464	0.222	15.527	-0.210	24.579	-0.005	24.656	0.020	24.714	0.037	24.755	0.092
15.549	-0.243	15.567	-0.222	15.588	-0.222	15.606	-0.252	24.793	0.138	24.846	0.109	24.897	0.117	24.954	0.121
15.636	-0.340	15.668	-0.399	15.692	-0.348	15.732	-0.285	24.992	0.105	25.051	0.038	25.104	-0.004	25.142	-0.021
15.770	-0.248	15.838	-0.147	15.878	-0.151	15.901	-0.176	25.184	0.029	25.230	0.097	25.288	0.130	25.333	0.143
15.925	0.105	15.967	0.046	16.009	0.235	16.042	0.344	25.360	0.092	25.411	0.004	25.442	-0.021	25.484	-0.000
16.065	0.319	16.096	0.285	16.121	0.273	16.147	0.315	25.525	0.025	25.610	-0.008	25.643	-0.021	25.676	0.025
16.190	0.365	16.226	0.323	16.272	0.260	16.325	0.092	25.708	0.096	25.736	0.142	25.766	0.113	25.818	0.049
16.350	0.034	16.369	0.055	16.402	0.113	16.424	0.138	25.869	0.015	25.934	-0.006	25.969	0.018	26.000	-0.003
16.454	0.084	16.520	-0.092	16.551	-0.126	16.593	-0.164	26.061	-0.071	26.092	-0.100	26.125	-0.063	26.173	-0.017
16.631	-0.185	16.649	-0.168	16.675	-0.151	16.692	-0.185	26.201	-0.009	26.246	-0.026	26.392	-0.040	26.437	-0.074
16.738	-0.235	16.763	-0.256	16.791	-0.185	16.856	0.378	26.477	-0.146	26.502	-0.167	26.540	-0.138	26.598	-0.018
16.910	0.558	16.942	0.508	17.007	0.063	17.068	-0.176	26.663	0.098	26.746	0.134	26.834	0.174	26.860	0.178
17.115	-0.252	17.175	-0.269	17.223	-0.269	17.273	-0.348	26.914	0.134	27.000	0.133	27.039	0.065	27.099	0.001
17.315	-0.386	17.343	-0.340	17.413	-0.113	17.453	-0.042	27.164	-0.050	27.252	-0.093	27.282	-0.102	27.336	-0.078
17.490	0.055	17.524	0.109	17.549	0.067	17.586	0.004	27.396	-0.049	27.447	0.005	27.487	-0.004	27.527	-0.025
17.628	0.021	17.666	0.013	17.696	-0.013	17.732	-0.080	27.575	-0.017	27.622	0.029	27.662	0.004	27.703	0.025
17.754	-0.147	17.772	-0.151	17.799	-0.055	17.835	0.038	27.737	-0.059	27.770	-0.143	27.810	-0.021	27.843	-0.147
17.869	0.109	17.912	0.172	17.948	0.201	17.966	0.239	27.870	-0.126	27.926	-0.063	27.990	-0.021	28.028	0.008
17.993	0.315	18.013	0.373	18.038	0.290	18.090	0.071	28.081	0.105	28.123	0.164	28.215	-0.206	28.276	0.222
18.125	0.013	18.158	0.055	18.210	0.143	18.246	0.147	28.306	0.189	28.386	0.008	28.421	-0.038	28.473	-0.004
18.281	0.109	18.332	-0.029	18.408	-0.252	18.438	-0.315	28.497	0.004	28.595	0.008	28.631	-0.013	28.669	0.029
18.471	-0.264	18.504	-0.143	18.540	-0.076	18.581	-0.071	28.723	0.088	28.785	0.113	28.845	0.071	28.877	0.042
18.616	-0.101	18.639	-0.076	18.672	-0.042	18.698	-0.064	28.926	0.013	29.291	-0.017	29.139	0.021	29.211	0.046
18.739	-0.248	18.767	-0.281	18.804	-0.273	18.876	-0.059	29.252	-0.008	29.291	-0.025	29.351	-0.000	29.396	-0.038
18.901	0.021	18.930	0.076	18.963	0.038	18.987	0.004	29.439	-0.042	29.526	-0.029	29.581	-0.034	29.647	-0.017
19.010	0.004	19.048	0.084	19.092	0.273	19.130	0.043	29.685	-0.005	29.718	-0.026	29.746	-0.051	29.779	-0.064
19.160	0.348	19.236	0.134	19.355	0.017	19.421	-0.147	29.847	-0.064	29.886	-0.056	29.918	-0.035	29.957	-0.022
19.501	-0.252	19.546	-0.315	19.584	-0.235	19.612	-0.193	29.989	-0.035	30.026	-0.060	30.107	-0.065	30.162	-0.078

30.208	-0.091	30.281	-0.120	30.321	-0.125	30.381	-0.104	43.538	0.058	43.626	0.078	43.706	0.128	43.772	0.064
30.432	-0.087	30.487	-0.087	30.529	-0.096	30.594	-0.054	43.828	0.018	43.895	-0.004	43.960	-0.029	44.002	-0.050
30.644	-0.009	30.712	-0.055	30.767	-0.092	30.822	-0.088	44.052	-0.063	44.117	-0.105	44.212	-0.038	44.292	-0.013
30.870	-0.109	30.926	-0.109	30.963	0.088	31.004	0.025	44.409	-0.013	44.494	-0.013	44.570	0.013	44.609	0.021
31.044	-0.034	31.097	-0.063	31.157	-0.050	31.212	-0.000	44.682	0.050	44.756	0.038	44.866	0.063	44.966	0.029
31.261	-0.017	31.323	-0.034	31.389	-0.059	31.441	0.017	45.017	0.008	45.083	0.020	45.156	0.020	45.222	0.045
31.489	-0.017	31.534	-0.038	31.584	-0.038	31.637	-0.038	45.291	0.040	45.373	0.036	45.471	0.001	45.549	-0.029
31.700	-0.029	31.750	0.008	31.799	-0.029	31.875	0.046	45.659	-0.025	45.763	-0.001	45.810	0.011	45.876	0.023
31.943	-0.046	32.003	0.050	32.075	-0.084	32.155	0.071	45.982	0.014	46.082	-0.003	46.229	-0.003	46.287	0.001
32.226	0.034	32.284	-0.021	32.341	-0.046	32.432	-0.059	46.364	0.030	46.442	0.063	46.506	0.075	46.571	0.041
32.528	-0.063	32.586	-0.076	32.662	-0.105	32.724	-0.103	46.645	0.024	46.724	0.011	46.839	0.010	46.892	0.048
32.810	-0.118	32.851	-0.067	32.909	-0.008	32.949	0.034	46.958	0.077	47.011	0.093	47.078	0.055	47.144	0.020
33.010	-0.071	33.067	0.046	33.122	0.012	33.173	-0.005	47.211	0.040	47.263	0.014	47.339	0.013	47.416	0.024
33.242	-0.013	33.285	0.016	33.340	0.045	33.385	0.045	47.502	0.019	47.577	-0.008	47.673	-0.026	47.755	-0.031
33.418	0.057	33.460	0.053	33.503	0.065	33.542	0.081	47.803	-0.032	47.863	-0.033	47.926	0.004	47.994	0.011
33.567	0.111	33.603	0.148	33.648	0.139	33.692	0.126	48.050	-0.036	48.113	-0.053	48.166	-0.015	48.226	0.018
33.750	0.126	33.817	0.138	33.876	0.158	33.922	0.162	48.290	0.022	48.373	0.021	48.440	0.029	48.478	-0.009
33.969	0.119	34.017	0.090	34.090	0.068	34.123	0.039	48.530	-0.013	48.578	0.016	48.633	0.061	48.706	0.098
34.163	-0.028	34.202	-0.079	34.260	-0.067	34.323	-0.059	48.805	0.050	48.880	0.079	48.953	0.044	49.015	0.030
34.374	-0.050	34.416	-0.051	34.439	-0.080	34.474	-0.089	49.088	0.038	49.160	0.044	49.267	0.036	49.391	-0.002
34.497	-0.059	34.543	-0.017	34.585	-0.034	34.530	-0.022	49.514	-0.006	49.563	-0.029	49.678	-0.024	49.799	-0.024
34.689	-0.027	34.734	-0.022	34.779	-0.023	34.823	-0.044	49.957	-0.001	50.064	-0.032	50.191	-0.016	50.263	-0.008
35.111	-0.096	35.168	-0.109	35.218	-0.088	35.269	-0.047	50.378	-0.034	50.506	-0.025	50.640	-0.017	50.737	-0.034
35.361	-0.026	35.433	-0.035	35.473	-0.065	35.532	-0.065	50.820	0.050	50.932	0.025	51.063	0.004	51.193	-0.034
35.615	-0.040	35.696	-0.028	35.754	-0.024	35.816	0.030	51.266	-0.042	51.317	0.004	51.432	0.055	51.525	0.038
35.883	0.047	35.959	0.076	36.009	0.076	36.067	0.059	51.643	0.038	51.697	-0.013	51.800	0.004	51.973	0.025
36.102	0.071	36.147	0.088	36.224	0.063	36.307	0.063	52.058	0.008	52.166	0.025	52.261	0.038	52.350	0.008
36.354	0.034	36.404	0.004	36.449	0.029	36.497	0.046	52.443	0.025	52.546	0.034	52.640	0.008	52.748	0.046
36.567	0.038	36.614	0.055	36.649	0.101	36.689	0.113	52.823	-0.004	52.900	0.025	52.995	0.038	53.159	0.034
36.744	0.068	36.814	0.063	36.904	0.025	36.970	-0.013								
37.036	-0.050	37.116	-0.076	37.163	-0.046	37.210	-0.008								
37.262	-0.025	37.326	-0.008	37.396	-0.008	37.443	-0.021								
37.498	-0.050	37.551	-0.071	37.700	-0.071	37.777	-0.059								
37.876	-0.046	37.957	-0.038	38.060	-0.038	38.100	-0.013								
38.158	0.034	38.219	0.008	38.309	0.013	38.388	0.013								
38.461	0.013	38.540	0.021	38.635	0.038	38.689	0.034								
38.757	0.042	38.805	0.067	38.878	0.063	38.934	0.050								
38.990	-0.008	39.041	-0.025	39.117	0.004	39.173	-0.004								
39.228	-0.004	39.282	0.008	39.340	0.070	39.399	0.128								
39.445	0.094	39.491	0.055	39.549	0.088	39.590	0.138								
39.624	0.099	39.665	0.032	39.701	0.001	39.742	0.025								
39.811	0.048	39.866	0.034	39.928	-0.001	39.984	0.001								
40.039	0.025	40.073	0.045	40.106	-0.002	40.160	-0.074								
40.229	-0.067	40.294	-0.042	40.343	-0.030	40.418	-0.048								
40.490	-0.028	40.555	-0.054	40.619	-0.084	40.705	-0.071								
40.785	-0.055	40.851	-0.046	40.899	0.004	40.978	0.017								
41.041	0.034	41.111	0.004	41.170	-0.004	41.271	0.017								
41.355	0.017	41.433	0.021	41.499	0.055	41.557	0.029								
41.621	0.050	41.680	0.034	41.740	0.029	41.796	0.055								
41.851	0.025	41.926	0.059	41.978	0.071	42.046	0.059								
42.103	0.029	42.175	-0.017	42.236	-0.055	42.306	-0.071								
42.366	-0.050	42.446	-0.013	42.506	0.042	42.579	0.037								
42.661	0.028	42.749	0.031	42.799	-0.007	42.876	0.009								
42.957	0.013	43.020	0.045	43.087	0.078	43.161	0.043								
43.235	0.020	43.318	0.011	43.386	0.001	43.461	-0.000								

11.352	-0.144	11.379	-0.118	11.421	-0.089	11.469	-0.160	20.347	-0.131	20.392	-0.097	20.462	-0.056	20.519	-0.005
11.529	-0.223	11.573	-0.177	11.598	-0.219	11.645	-0.337	20.576	-0.005	20.634	-0.033	20.733	-0.081	20.845	0.020
11.681	-0.401	11.723	-0.366	11.745	-0.282	11.787	-0.060	20.905	0.041	21.008	-0.108	21.103	-0.035	21.155	0.003
11.817	0.041	11.878	0.121	11.927	0.234	11.962	0.297	21.211	0.028	21.296	-0.047	21.381	-0.076	21.482	-0.081
11.991	0.230	12.031	0.024	12.046	-0.014	12.069	0.020	21.547	-0.035	21.614	-0.005	21.682	-0.001	21.735	-0.001
12.104	-0.001	12.131	0.054	12.161	0.247	12.192	0.373	21.790	-0.068	21.892	-0.026	21.955	-0.014	22.002	-0.018
12.244	0.360	12.270	0.310	12.297	0.251	12.323	0.213	22.077	0.150	22.182	-0.058	22.265	0.150	22.339	0.175
12.383	0.175	12.403	0.079	12.437	-0.056	12.467	-0.114	22.415	0.188	22.485	0.175	22.541	0.096	22.594	0.049
12.513	-0.110	12.540	-0.177	12.562	-0.374	12.650	-0.416	22.644	-0.001	22.679	-0.064	22.715	-0.106	22.772	-0.051
12.689	-0.379	12.709	-0.328	12.747	-0.118	12.784	-0.043	22.825	0.012	22.941	-0.083	23.024	-0.001	23.079	-0.072
12.812	-0.068	12.848	-0.148	12.875	-0.190	12.906	-0.114	23.148	-0.081	23.191	-0.043	23.233	0.012	23.274	0.033
12.949	0.047	12.980	0.125	13.005	0.091	13.038	-0.005	23.322	-0.035	23.375	-0.085	23.428	-0.131	23.475	-0.097
13.059	-0.047	13.084	-0.018	13.104	0.033	13.133	0.070	23.523	-0.068	23.574	-0.093	23.623	-0.089	23.666	-0.097
13.158	0.012	13.196	-0.030	13.264	0.003	13.302	-0.051	23.704	-0.131	23.744	-0.043	23.813	-0.026	23.881	0.024
13.325	-0.093	13.353	-0.043	13.389	0.226	13.416	0.305	23.959	0.024	24.021	-0.005	24.074	-0.018	24.122	-0.005
13.447	0.192	13.482	0.142	13.524	0.217	13.558	0.205	24.221	-0.093	24.322	0.045	24.397	-0.009	24.483	0.028
13.594	0.242	13.621	0.188	13.681	-0.169	13.703	-0.236	24.539	-0.035	24.742	-0.014	24.778	-0.014	24.816	0.042
13.725	-0.085	13.788	-0.056	13.828	0.037	13.855	-0.018	24.876	0.003	24.933	-0.014	25.004	-0.001	25.064	0.037
14.042	-0.131	14.069	-0.060	14.102	0.096	14.140	0.163	25.115	0.117	25.184	0.142	25.253	0.142	25.309	0.096
14.194	0.163	14.251	0.104	14.292	0.163	14.355	0.221	25.374	0.024	25.437	-0.014	25.484	0.007	25.533	0.049
14.393	0.154	14.427	0.058	14.468	0.003	14.506	0.049	25.610	0.041	25.699	0.096	25.746	0.054	25.816	-0.035
14.552	0.142	14.591	0.070	14.650	-0.085	14.710	-0.228	25.866	-0.077	25.910	-0.052	25.972	0.040	26.033	0.115
14.746	-0.370	14.774	-0.408	14.808	-0.362	14.860	-0.152	26.096	-0.068	26.180	0.034	26.270	0.016	26.402	0.015
14.898	-0.047	14.944	-0.026	14.982	-0.051	15.034	-0.118	26.595	-0.008	26.684	-0.016	26.769	0.018	26.850	0.013
15.102	-0.123	15.146	-0.173	15.197	-0.127	15.245	-0.047	27.034	-0.125	27.104	-0.084	27.170	-0.042	27.209	-0.039
15.273	0.083	15.306	0.314	15.337	0.435	15.369	0.343	27.269	-0.001	27.349	0.023	27.399	0.010	27.464	-0.033
15.402	0.171	15.431	0.138	15.461	0.158	15.497	0.209	27.524	-0.009	27.662	0.012	27.700	0.020	27.757	-0.047
15.535	0.133	15.568	0.037	15.613	-0.060	15.636	-0.043	27.845	0.072	27.920	0.012	27.988	0.033	28.063	0.028
15.666	-0.014	15.684	-0.060	15.709	-0.152	15.734	-0.207	28.121	0.062	28.215	0.058	28.288	0.012	28.386	-0.039
15.763	-0.144	15.803	0.142	15.833	0.259	15.864	0.154	28.572	-0.030	28.673	-0.001	28.844	-0.001	28.997	-0.001
15.902	-0.102	15.945	-0.320	15.978	-0.400	15.999	-0.349	29.116	0.007	29.217	0.062	29.344	-0.030	29.422	0.007
16.037	-0.190	16.083	-0.177	16.116	-0.160	16.144	-0.215	29.518	0.079	29.571	0.045	29.624	0.020	29.665	0.003
16.177	-0.270	16.207	-0.236	16.327	0.175	16.391	0.305	29.792	-0.014	29.835	-0.012	29.875	-0.021	29.933	-0.066
16.424	0.268	16.455	0.163	16.490	0.112	16.530	0.121	30.021	-0.076	30.034	-0.060	30.049	-0.035	30.059	-0.018
16.599	-0.081	16.631	-0.118	16.649	-0.060	16.679	0.016	30.072	-0.006	30.089	0.007	30.099	-0.010	30.114	-0.019
16.707	0.075	16.733	0.024	16.761	-0.035	16.781	-0.060	30.128	-0.010	30.135	-0.010	30.150	-0.027	30.221	0.031
16.804	-0.018	16.849	0.041	16.879	-0.005	16.904	-0.127	30.193	0.010	30.195	0.002	30.208	0.018	30.281	0.002
16.958	-0.303	16.993	-0.379	17.022	-0.291	17.068	-0.072	30.246	0.047	30.265	0.047	30.293	0.047	30.331	0.030
17.102	0.007	17.140	0.041	17.175	0.020	17.227	-0.051	30.351	0.046	30.364	0.050	30.376	0.059	30.406	0.067
17.275	-0.014	17.337	-0.039	17.378	-0.026	17.416	0.083	30.434	-0.001	30.439	0.037	30.480	0.041	30.504	0.016
17.453	0.108	17.488	0.083	17.546	-0.014	17.593	-0.093	30.520	-0.001	30.559	-0.030	30.599	-0.047	30.639	-0.056
17.623	-0.030	17.652	-0.001	17.756	-0.001	17.789	-0.081	30.683	-0.039	30.698	-0.035	30.715	-0.035	30.750	-0.047
17.815	-0.165	17.842	-0.190	17.875	-0.118	17.918	0.104	30.778	-0.043	30.797	-0.043	30.830	-0.068	30.878	-0.085
17.947	0.179	17.978	0.234	18.004	0.192	18.051	0.142	31.006	-0.039	31.023	-0.035	30.969	-0.039	30.991	-0.039
18.120	0.175	18.152	0.150	18.173	0.091	18.208	-0.064	31.071	-0.022	31.076	-0.014	31.097	-0.014	31.105	-0.009
18.233	-0.139	18.258	-0.110	18.325	-0.043	18.372	0.007	31.109	-0.001	31.124	-0.001	31.137	-0.001	31.145	0.012
18.418	-0.026	18.456	0.041	18.502	0.079	18.547	0.091	31.159	0.012	31.168	0.012	31.177	0.012	31.188	0.012
18.622	0.062	18.739	0.158	18.785	0.112	18.863	0.007	31.208	0.003	31.218	-0.009	31.231	-0.009	31.243	-0.022
18.902	-0.012	18.930	0.012	18.977	0.070	19.008	0.020	31.255	-0.022	31.268	-0.026	31.285	-0.026	31.301	-0.035
19.030	-0.072	19.056	-0.093	19.148	-0.047	19.183	-0.047	31.316	-0.035	31.329	-0.035	31.341	-0.035	31.351	-0.047
19.214	-0.093	19.241	-0.102	19.274	-0.051	19.327	0.003	31.366	-0.043	31.374	-0.043	31.387	-0.051	31.404	-0.051
19.385	-0.018	19.439	-0.001	19.482	-0.007	19.527	0.066	31.426	-0.060	31.437	-0.076	31.454	-0.076	31.467	-0.089
19.566	0.100	19.601	0.049	19.645	0.016	19.712	0.062	31.477	-0.089	31.482	-0.085	31.496	-0.085	31.504	-0.076
19.772	0.007	19.827	0.028	19.898	0.066	19.938	0.016	31.514	-0.068	31.521	-0.060	31.531	-0.051	31.545	-0.039
19.998	-0.093	20.096	-0.005	20.186	-0.123	20.266	-0.173	31.552	-0.030	31.560	-0.005	31.570	-0.001	31.590	0.003

31.604	0.016	31.624	0.037	31.650	0.045	31.660	0.045	33.887	-0.111	33.911	-0.091	33.929	-0.070	33.936	-0.057
31.670	0.045	31.690	0.045	31.714	0.045	31.730	0.045	33.949	-0.057	33.954	-0.036	33.962	-0.028	33.975	-0.020
31.740	0.045	31.754	0.045	31.770	0.045	31.787	0.045	33.979	-0.020	33.997	-0.020	34.015	-0.020	34.025	-0.021
31.795	0.045	31.802	0.045	31.819	0.045	31.825	0.045	34.039	-0.021	34.050	-0.021	34.062	-0.021	34.072	-0.021
31.827	0.049	31.835	0.049	31.842	0.049	31.849	0.058	34.083	-0.021	34.098	-0.022	34.118	-0.009	34.130	-0.010
31.862	0.058	31.875	0.062	31.884	0.062	31.889	0.062	34.143	-0.006	34.157	-0.002	34.163	-0.002	34.180	-0.002
31.902	0.066	31.912	0.066	31.925	0.066	31.942	0.066	34.185	0.011	34.217	-0.002	34.231	-0.011	34.241	-0.007
31.953	0.066	31.955	0.058	31.963	0.058	31.977	0.058	34.253	-0.007	34.261	-0.003	34.285	-0.012	34.298	-0.008
31.978	0.049	31.990	0.049	32.000	0.045	32.002	0.041	34.308	0.001	34.320	0.001	34.330	0.005	34.331	0.017
32.008	0.041	32.023	0.041	32.042	0.033	32.060	0.016	34.345	0.017	34.368	0.013	34.373	0.017	34.386	0.025
32.075	0.028	32.093	0.033	32.115	0.033	32.116	0.045	34.398	0.004	34.416	0.008	34.431	0.008	34.434	-0.009
32.128	0.045	32.130	0.054	32.148	0.054	32.161	0.049	34.456	-0.013	34.476	-0.013	34.489	-0.001	34.502	0.003
32.173	0.049	32.175	0.045	32.188	0.045	32.203	0.045	34.520	0.007	34.529	0.024	34.537	0.028	34.555	0.037
32.208	0.041	32.221	0.045	32.234	0.045	32.253	0.045	34.577	0.049	34.583	0.049	34.611	0.054	34.630	0.058
32.259	0.045	32.271	0.045	32.283	0.058	32.291	0.062	34.635	0.049	34.664	0.037	34.686	0.033	34.699	0.033
32.296	0.062	32.304	0.062	32.308	0.066	32.321	0.066	34.714	0.020	34.726	0.016	34.740	0.007	34.760	0.003
32.326	0.066	32.327	0.062	32.342	0.062	32.347	0.062	34.793	-0.005	34.813	-0.014	34.827	-0.014	34.846	-0.014
32.357	0.062	32.371	0.049	32.384	0.049	32.399	0.049	34.885	-0.030	34.885	-0.014	34.896	-0.018	34.914	-0.018
32.406	0.049	32.414	0.045	32.434	0.062	32.447	0.062	34.929	-0.005	34.949	0.003	34.984	0.003	34.994	0.003
32.449	0.070	32.462	0.070	32.469	0.075	32.487	0.075	35.018	0.003	35.024	0.003	35.039	0.012	35.053	0.012
32.490	0.075	32.492	0.083	32.502	0.091	32.513	0.091	35.069	0.007	35.093	-0.001	35.111	-0.009	35.121	-0.009
32.525	0.079	32.535	0.079	32.543	0.079	32.558	0.075	35.143	-0.014	35.161	-0.018	35.178	-0.018	35.184	-0.018
32.568	0.066	32.578	0.062	32.591	0.054	32.604	0.049	35.201	-0.018	35.218	-0.018	35.243	-0.018	35.254	-0.018
32.608	0.037	32.618	0.037	32.631	0.058	32.647	0.062	35.264	-0.018	35.274	-0.009	35.288	-0.009	35.303	-0.005
32.659	0.062	32.667	0.062	32.671	0.075	32.684	0.079	35.314	-0.001	35.328	0.007	35.346	0.007	35.359	0.020
32.692	0.083	32.705	0.087	32.712	0.096	32.719	0.096	35.381	0.024	35.391	0.033	35.401	0.037	35.413	0.045
32.724	0.096	32.727	0.096	32.737	0.096	32.742	0.100	35.431	0.054	35.439	0.054	35.451	0.058	35.465	0.066
32.747	0.100	32.753	0.100	32.765	0.100	32.773	0.100	35.475	0.070	35.491	0.079	35.522	0.087	35.548	0.096
32.780	0.096	32.781	0.079	32.790	0.079	32.798	0.070	35.563	0.093	35.579	0.079	35.592	0.070	35.605	0.062
32.810	0.058	32.825	0.049	32.831	0.045	32.836	0.041	35.619	0.054	35.635	0.049	35.654	0.037	35.672	0.033
32.844	0.041	32.846	0.054	32.851	0.058	32.864	0.062	35.694	0.041	35.719	0.041	35.734	0.041	35.749	0.045
32.876	0.066	32.884	0.066	32.889	0.066	32.897	0.066	35.769	0.045	35.786	0.033	35.810	0.033	35.826	0.024
32.907	0.066	32.916	0.062	32.924	0.054	32.932	0.049	35.853	0.020	35.875	0.007	35.900	0.016	35.924	0.020
32.942	0.045	32.951	0.041	32.957	0.033	32.969	0.028	35.934	0.024	35.955	0.033	35.970	0.024	35.987	0.012
32.977	0.024	32.985	0.024	32.997	0.020	33.009	0.016	36.009	-0.001	36.022	-0.001	36.030	-0.009	36.055	-0.009
33.015	0.012	33.019	-0.001	33.030	-0.001	33.032	0.007	36.069	-0.018	36.084	-0.026	36.097	-0.030	36.109	-0.039
33.037	0.007	33.049	0.007	33.059	0.007	33.069	0.007	36.135	-0.043	36.142	-0.043	36.150	-0.043	36.162	-0.051
33.077	0.007	33.087	0.007	33.100	0.007	33.105	-0.009	36.175	-0.036	36.187	-0.039	36.212	-0.035	36.224	-0.022
33.117	-0.014	33.147	-0.018	33.149	-0.035	33.159	-0.035	36.235	-0.014	36.247	-0.009	36.279	-0.005	36.280	0.003
33.169	-0.035	33.173	-0.043	33.182	-0.051	33.187	-0.047	36.289	-0.009	36.302	-0.014	36.310	-0.018	36.324	-0.018
33.192	-0.039	33.205	-0.039	33.213	-0.035	33.215	-0.026	36.344	-0.018	36.359	-0.030	36.367	-0.022	36.384	-0.022
33.222	-0.026	33.230	-0.018	33.235	-0.018	33.240	-0.009	36.404	-0.026	36.415	-0.026	36.429	-0.022	36.437	-0.018
33.268	-0.009	33.282	0.007	33.283	0.007	33.293	0.007	36.462	-0.009	36.487	-0.001	36.500	0.003	36.502	0.003
33.297	0.007	33.302	0.007	33.310	0.007	33.312	0.003	36.527	0.007	36.537	0.007	36.555	0.007	36.557	0.003
33.328	-0.001	33.335	-0.005	33.342	-0.005	33.360	-0.005	36.609	0.003	36.615	0.003	36.624	0.003	36.659	0.003
33.372	0.003	33.383	0.003	33.391	0.003	33.398	0.003	36.675	0.003	36.687	-0.001	36.702	-0.009	36.714	-0.014
33.401	0.003	33.408	0.003	33.413	0.003	33.430	0.003	36.735	-0.014	36.764	-0.018	36.784	-0.018	36.797	-0.026
33.443	-0.001	33.455	-0.009	33.462	-0.018	33.470	-0.026	36.817	-0.035	36.827	-0.035	36.862	-0.039	36.882	-0.039
33.485	-0.039	33.493	-0.051	33.505	-0.043	33.510	-0.043	36.895	-0.047	36.920	-0.035	36.937	-0.001	36.967	-0.001
33.518	-0.043	33.527	-0.043	33.533	-0.043	33.542	-0.043	36.977	0.003	36.991	0.020	37.004	0.033	37.031	0.033
33.553	-0.043	33.568	-0.043	33.572	-0.043	33.583	-0.035	37.044	0.045	37.054	0.024	37.068	0.037	37.083	0.024
33.608	-0.035	33.612	-0.035	33.617	-0.030	33.632	-0.036	37.108	0.024	37.125	0.024	37.141	0.024	37.150	0.024
33.642	-0.026	33.655	-0.039	33.675	-0.043	33.684	-0.056	37.171	0.024	37.195	0.024	37.205	0.033	37.238	0.033
33.699	-0.064	33.715	-0.072	33.744	-0.077	33.780	-0.077	37.252	0.033	37.264	0.033	37.282	0.024	37.295	0.020
33.782	-0.085	33.805	-0.086	33.819	-0.103	33.829	-0.111	37.309	0.016	37.319	0.016	37.327	0.020	37.346	0.020
33.835	-0.119	33.851	-0.124	33.872	-0.128	33.874	-0.120	37.364	0.024	37.378	0.028	37.393	0.028	37.411	0.033

37.424	0.033	37.446	0.037	37.458	0.033	37.476	0.012	41.684	-0.078	41.707	-0.053	41.723	-0.024	41.737	-0.024
37.500	0.012	37.510	0.011	37.516	0.028	37.528	0.028	41.743	-0.011	41.770	-0.012	41.790	-0.007	41.810	0.001
37.523	0.028	37.535	0.031	37.548	0.032	37.568	0.036	41.848	-0.008	41.856	-0.020	41.888	-0.029	41.923	-0.033
37.633	0.040	37.643	0.057	37.658	0.065	37.672	0.070	41.943	-0.033	41.966	-0.029	41.983	-0.025	41.996	-0.025
37.687	0.070	37.703	0.061	37.710	0.048	37.718	0.040	42.021	-0.025	42.054	-0.038	42.079	-0.038	42.105	-0.030
37.725	0.048	37.739	0.061	37.759	0.065	37.780	0.069	42.140	-0.030	42.160	-0.026	42.186	-0.018	42.213	-0.010
37.807	0.056	37.827	0.056	37.852	0.052	37.872	0.035	42.233	-0.006	42.250	-0.006	42.273	-0.010	42.308	-0.019
37.896	0.027	37.919	0.022	37.942	0.018	37.950	0.006	42.328	-0.028	42.343	-0.019	42.361	-0.019	42.381	-0.020
37.964	0.006	37.977	0.022	37.987	0.030	37.997	0.035	42.395	-0.016	42.421	-0.012	42.436	-0.012	42.446	-0.004
38.008	0.039	38.018	0.047	38.042	0.051	38.063	0.051	42.471	-0.004	42.496	-0.004	42.513	-0.013	42.530	-0.021
38.071	0.059	38.096	0.063	38.118	0.062	38.143	0.045	42.551	-0.017	42.571	-0.009	42.608	-0.009	42.623	-0.005
38.169	0.037	38.212	0.024	38.237	0.015	38.252	0.015	42.629	-0.010	42.641	-0.014	42.656	-0.014	42.671	-0.014
38.269	0.035	38.279	0.035	38.304	0.039	38.319	0.039	42.681	-0.027	42.689	-0.035	42.709	-0.044	42.719	-0.023
38.342	0.030	38.372	0.026	38.390	0.013	38.416	0.000	42.741	-0.023	42.749	-0.011	42.763	-0.002	42.776	-0.018
38.431	0.008	38.449	0.021	38.458	0.025	38.489	0.020	42.787	-0.018	42.799	-0.017	42.812	0.035	42.821	0.035
38.509	0.003	38.534	-0.010	38.547	-0.022	38.569	-0.023	42.834	0.039	42.849	0.043	42.861	0.043	42.877	0.043
38.588	-0.036	38.608	-0.040	38.628	-0.045	38.643	-0.028	42.891	0.038	42.912	0.025	42.926	0.025	42.927	0.025
38.673	-0.029	38.688	-0.029	38.701	-0.021	38.717	-0.004	42.947	0.017	42.960	0.004	42.974	0.004	42.984	0.004
38.729	-0.005	38.762	-0.018	38.785	-0.031	38.805	-0.031	43.000	0.008	43.019	0.012	43.032	0.012	43.045	0.012
38.835	-0.023	38.860	-0.024	38.870	-0.024	38.891	-0.037	43.053	0.012	43.065	0.011	43.075	0.016	43.092	0.015
38.924	-0.050	38.944	-0.063	38.967	-0.080	38.992	-0.085	43.109	0.015	43.112	0.019	43.127	0.023	43.138	0.028
39.013	-0.077	39.043	-0.056	39.064	-0.040	39.084	-0.036	43.146	0.028	43.160	0.036	43.173	0.048	43.188	0.048
39.111	-0.032	39.125	-0.024	39.145	-0.016	39.163	-0.016	43.210	0.048	43.218	0.052	43.236	0.031	43.271	0.026
39.181	-0.017	39.208	-0.013	39.236	-0.005	39.269	-0.031	43.284	0.026	43.296	0.018	43.306	0.009	43.319	0.009
39.289	-0.031	39.303	-0.044	39.317	-0.052	39.330	-0.053	43.331	0.009	43.347	0.009	43.364	0.021	43.381	0.021
39.348	-0.049	39.383	-0.041	39.406	-0.028	39.427	-0.033	43.394	0.025	43.412	0.034	43.439	0.033	43.454	0.033
39.447	-0.029	39.448	-0.029	39.468	-0.029	39.484	-0.025	43.471	0.025	43.489	0.024	43.508	0.012	43.519	0.003
39.504	-0.026	39.517	-0.017	39.533	-0.018	39.553	-0.039	43.536	0.003	43.551	0.003	43.564	0.007	43.588	0.019
39.569	-0.035	39.582	-0.035	39.597	-0.027	39.608	-0.019	43.599	0.032	43.611	0.032	43.626	0.040	43.640	0.044
39.631	-0.019	39.651	-0.019	39.652	-0.028	39.660	-0.028	43.663	0.040	43.695	0.023	43.710	0.014	43.735	0.005
39.669	-0.028	39.688	-0.028	39.706	-0.037	39.729	-0.037	43.755	-0.007	43.790	-0.020	43.825	-0.029	43.842	-0.021
39.749	-0.025	39.771	-0.025	39.791	-0.026	39.811	-0.022	43.863	-0.021	43.878	-0.021	43.902	-0.021	43.919	-0.021
39.838	-0.022	39.864	-0.018	39.878	-0.018	39.897	-0.014	43.929	-0.013	43.934	-0.009	43.945	-0.009	43.982	-0.009
39.910	-0.006	39.933	0.002	39.953	0.006	39.962	0.014	44.005	-0.001	44.025	0.007	44.040	0.019	44.052	0.019
39.972	0.018	39.992	0.022	40.010	0.022	40.034	0.017	44.085	0.015	44.107	0.006	44.134	0.002	44.154	0.002
40.054	0.017	40.077	0.017	40.098	0.021	40.134	0.024	44.169	0.002	44.187	0.010	44.212	0.010	44.226	0.010
40.165	0.036	40.196	0.019	40.204	0.019	40.217	0.031	44.237	-0.003	44.256	-0.012	44.272	-0.016	44.287	-0.029
40.237	0.031	40.256	0.022	40.278	0.014	40.289	0.014	44.314	-0.033	44.336	-0.029	44.356	-0.017	44.373	-0.017
40.313	0.017	40.328	0.009	40.343	0.013	40.369	0.025	44.406	-0.009	44.423	0.008	44.444	0.008	44.462	0.020
40.393	0.033	40.418	0.054	40.434	0.058	40.454	0.062	44.482	-0.020	44.495	0.020	44.509	0.003	44.525	0.003
40.479	0.071	40.509	0.079	40.525	0.083	40.538	0.100	44.545	-0.001	44.568	-0.014	44.580	-0.010	44.586	-0.010
40.565	0.099	40.586	0.070	40.614	0.053	40.659	0.036	44.604	-0.010	44.619	-0.010	44.632	-0.002	44.677	0.002
40.683	0.036	40.703	0.019	40.718	0.019	40.739	0.019	44.718	0.006	44.738	0.010	44.770	0.009	44.790	0.018
40.752	0.040	40.774	0.044	40.775	0.052	40.797	0.061	44.814	0.026	44.826	0.026	44.842	0.026	44.857	0.021
40.817	0.089	40.830	0.081	40.843	0.077	40.861	0.077	44.879	0.013	44.900	0.008	44.927	0.008	44.942	0.008
40.889	0.061	40.929	0.081	40.942	0.093	40.980	0.093	44.968	0.008	44.981	0.008	44.998	0.012	45.021	0.012
40.992	0.081	41.002	0.089	41.025	0.093	41.054	0.097	45.031	0.012	45.054	0.012	45.075	0.004	45.093	-0.001
41.054	0.084	41.074	0.084	41.094	0.076	41.114	0.063	45.108	-0.001	45.121	0.003	45.146	0.012	45.166	0.016
41.127	0.063	41.144	0.055	41.173	0.046	41.195	0.029	45.199	0.016	45.200	0.012	45.225	0.003	45.243	0.003
41.213	0.025	41.246	0.016	41.258	0.012	41.276	-0.001	45.255	-0.005	45.281	-0.006	45.306	-0.006	45.337	-0.002
41.292	-0.005	41.309	-0.022	41.324	-0.030	41.339	-0.030	45.364	0.003	45.418	0.002	45.450	0.011	45.466	0.015
41.350	-0.018	41.368	-0.018	41.388	-0.010	41.398	0.007	45.518	0.015	45.549	0.014	45.581	0.014	45.611	0.014
41.421	0.015	41.436	0.028	41.451	0.032	41.461	0.036	45.644	0.014	45.670	0.014	45.684	0.014	45.695	0.014
41.463	0.028	41.476	0.028	41.496	0.007	41.516	-0.014	45.717	0.014	45.730	0.026	45.745	0.026	45.770	0.014
41.536	-0.023	41.554	-0.031	41.571	-0.031	41.586	-0.036	45.796	0.009	45.816	0.005	45.836	0.005	45.856	-0.003
41.601	-0.032	41.617	-0.036	41.635	-0.053	41.647	-0.061	45.876	-0.003	45.911	-0.004	45.934	-0.020	45.957	-0.025

45.987	-0.025	46.014	-0.029	46.040	-0.029	46.059	-0.021	50.359	-0.009	50.369	-0.009	50.384	-0.014	50.389	-0.014
46.075	-0.004	46.100	-0.004	46.122	-0.004	46.153	-0.004	50.406	-0.026	50.423	-0.027	50.439	-0.027	50.463	-0.027
46.171	-0.000	46.200	0.004	46.226	0.004	46.248	0.004	50.476	-0.023	50.498	-0.019	50.510	-0.023	50.518	-0.031
46.281	0.016	46.301	0.024	46.329	0.012	46.355	0.003	50.543	-0.027	50.560	-0.023	50.576	-0.011	50.590	-0.007
46.369	-0.001	46.409	-0.001	46.427	0.007	46.456	0.012	50.603	0.002	50.618	0.002	50.630	0.010	50.653	0.005
46.466	0.012	46.493	0.028	46.538	0.033	46.571	0.024	50.658	0.001	50.670	0.005	50.685	0.005	50.692	0.009
46.600	0.007	46.625	-0.001	46.643	-0.001	46.672	-0.001	50.703	0.009	50.713	0.001	50.727	0.005	50.749	0.013
46.698	-0.009	46.729	-0.026	46.756	-0.039	46.776	-0.039	50.764	0.009	50.777	0.009	50.792	0.004	50.810	0.009
46.797	-0.030	46.804	-0.030	46.817	-0.022	46.832	-0.014	50.824	0.004	50.832	0.000	50.844	0.004	50.854	0.013
46.842	-0.005	46.862	-0.005	46.872	-0.001	46.891	-0.019	50.872	0.017	50.894	0.012	50.899	0.008	50.917	0.004
46.908	-0.014	46.925	-0.014	46.951	-0.019	46.971	-0.019	50.919	0.004	50.934	-0.005	50.952	-0.001	50.965	0.003
46.985	-0.028	47.008	-0.040	47.048	-0.041	47.088	-0.062	50.972	0.012	50.984	0.024	50.995	0.028	51.004	0.033
47.121	-0.079	47.149	-0.079	47.176	-0.080	47.208	-0.071	51.009	0.033	51.020	0.037	51.032	0.041	51.047	0.041
47.236	-0.063	47.263	-0.059	47.279	-0.047	47.302	-0.030	51.052	0.041	51.065	0.032	51.077	0.028	51.087	0.019
47.321	-0.014	47.359	-0.006	47.381	0.011	47.406	0.014	51.100	0.007	51.110	-0.002	51.123	-0.006	51.143	-0.002
47.436	-0.003	47.454	-0.008	47.472	-0.017	47.485	-0.013	51.156	0.002	51.160	0.002	51.170	0.006	51.184	0.015
47.502	-0.005	47.515	0.003	47.540	0.003	47.557	0.011	51.193	0.019	51.203	0.027	51.208	0.027	51.223	0.031
47.593	0.010	47.615	0.030	47.642	0.030	47.670	0.038	51.238	0.035	51.256	0.035	51.272	0.031	51.284	0.031
47.677	0.033	47.708	0.016	47.723	0.032	47.743	0.036	51.297	0.027	51.304	0.023	51.311	0.023	51.331	0.018
47.775	0.044	47.808	0.043	47.830	0.034	47.859	0.025	51.345	0.014	51.355	0.006	51.370	0.006	51.382	-0.003
47.884	0.025	47.899	0.021	47.929	0.020	47.962	0.024	51.394	-0.003	51.410	-0.007	51.423	-0.011	51.435	-0.011
48.005	0.027	48.040	0.026	48.075	0.030	48.113	0.038	51.445	-0.007	51.462	0.001	51.477	-0.003	51.488	0.001
48.165	0.045	48.208	0.036	48.247	0.027	48.284	0.026	51.501	0.018	51.513	0.018	51.531	0.018	51.546	0.018
48.324	0.026	48.360	0.017	48.392	0.016	48.431	0.016	51.561	0.013	51.576	0.009	51.591	0.009	51.608	0.005
48.465	0.015	48.516	-0.002	48.566	0.006	48.606	0.014	51.628	-0.004	51.643	-0.012	51.654	-0.012	51.662	-0.008
48.633	0.031	48.683	0.068	48.706	0.068	48.738	0.051	51.684	0.004	51.701	0.009	51.721	0.013	51.740	0.025
48.771	0.042	48.801	0.038	48.835	0.017	48.873	0.008	51.750	0.038	51.762	0.038	51.775	0.046	51.789	0.029
48.901	-0.001	48.916	-0.005	48.933	-0.014	48.958	-0.022	51.804	0.033	51.810	0.033	51.822	0.033	51.835	0.033
48.977	-0.022	48.985	-0.022	49.007	-0.023	49.023	-0.010	51.843	0.042	51.855	0.041	51.860	0.050	51.868	0.054
49.037	-0.006	49.063	0.011	49.080	0.023	49.095	0.023	51.877	0.058	51.890	0.050	51.903	0.058	51.921	0.062
49.115	0.019	49.138	0.018	49.152	0.018	49.174	0.010	51.936	0.058	51.950	0.049	51.960	0.045	51.975	0.024
49.187	0.005	49.212	0.005	49.217	0.001	49.225	-0.003	51.981	0.020	52.000	0.012	52.016	0.016	52.035	0.020
49.230	-0.007	49.244	-0.008	49.247	-0.008	49.265	-0.008	52.050	0.032	52.060	0.045	52.073	0.053	52.086	0.061
49.279	-0.004	49.294	-0.012	49.305	-0.008	49.314	-0.004	52.111	0.074	52.136	0.065	52.153	0.052	52.166	0.048
49.332	0.000	49.337	0.000	49.346	0.000	49.357	0.004	52.183	0.052	52.196	0.060	52.208	0.064	52.223	0.068
49.366	0.004	49.377	0.008	49.391	0.012	49.404	0.008	52.235	0.068	52.263	0.059	52.281	0.051	52.291	0.051
49.414	0.008	49.427	0.016	49.445	0.012	49.462	0.012	52.305	0.038	52.320	0.025	52.331	0.017	52.356	0.012
49.467	0.012	49.477	0.012	49.487	0.007	49.500	0.007	52.366	0.012	52.380	0.012	52.401	0.024	52.415	0.028
49.510	0.011	49.519	0.011	49.530	0.011	49.542	0.011	52.426	0.041	52.441	0.049	52.458	0.053	52.476	0.045
49.552	0.011	49.560	0.015	49.567	0.011	49.578	0.023	52.491	0.036	52.506	0.019	52.516	0.011	52.531	0.019
49.590	0.023	49.603	0.019	49.618	0.019	49.628	0.010	52.540	0.019	52.550	0.027	52.568	0.035	52.581	0.048
49.643	-0.002	49.651	-0.003	49.671	-0.007	49.685	-0.011	52.602	0.052	52.622	0.039	52.635	0.030	52.648	0.022
49.703	-0.003	49.706	-0.003	49.718	0.005	49.731	0.005	52.665	0.017	52.680	0.009	52.697	-0.004	52.723	-0.013
49.743	0.013	49.756	0.009	49.771	0.009	49.783	0.013	52.743	-0.009	52.770	0.004	52.770	0.008	52.783	0.007
49.793	0.021	49.799	0.021	49.816	0.021	49.823	0.025	52.797	0.007	52.815	0.006	52.822	0.011	52.835	0.019
49.833	0.033	49.849	0.029	49.854	0.025	49.861	0.025	52.848	0.031	52.860	0.035	52.870	0.039	52.882	0.043
49.867	0.025	49.877	0.025	49.891	0.016	49.902	0.020	52.895	0.051	52.920	0.042	52.942	0.029	52.953	0.024
49.912	0.020	49.926	0.003	49.934	0.007	49.949	0.007	52.968	0.020	52.988	0.002	53.000	-0.015	53.016	-0.015
49.957	-0.001	49.969	-0.010	49.982	-0.014	49.997	-0.018	53.035	-0.015	53.051	-0.020	53.063	-0.008	53.076	-0.004
50.012	-0.014	50.032	-0.006	50.042	-0.010	50.056	-0.006	53.088	-0.004	53.096	-0.000	53.113	0.004	53.121	-0.000
50.076	0.002	50.091	0.002	50.106	-0.007	50.119	0.006	53.129	-0.001	53.139	0.012	53.148	0.012	53.153	0.007
50.124	0.010	50.139	0.018	50.152	0.005	50.162	0.001								
50.172	-0.007	50.181	-0.016	50.191	-0.029	50.206	-0.033								
50.219	-0.033	50.233	-0.025	50.243	-0.021	50.249	-0.017								
50.261	-0.004	50.273	0.004	50.284	0.008	50.298	0.004								
50.313	-0.000	50.324	-0.001	50.331	-0.001	50.349	-0.009								

FE083

71.096 2/9/71 0600PST L.A. 3407 6TH ST. BASEMENT SOUTH

3275 POINTS 62.645 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE. WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2215 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.178	0.009	-0.097	0.014	-0.047	0.021	-0.000
0.033	-0.042	0.035	-0.080	0.044	-0.118	0.047	-0.151
0.054	-0.147	0.063	-0.126	0.071	-0.100	0.077	-0.079
0.093	-0.083	0.101	-0.091	0.109	-0.049	0.115	-0.007
0.122	-0.023	0.134	-0.011	0.140	-0.049	0.153	-0.078
0.166	-0.052	0.177	-0.018	0.180	-0.028	0.187	-0.062
0.198	-0.083	0.211	-0.075	0.218	-0.020	0.229	-0.001
0.243	0.004	0.258	0.025	0.269	0.051	0.282	0.081
0.295	0.047	0.303	-0.008	0.319	-0.041	0.334	-0.074
0.348	-0.087	0.360	-0.087	0.373	-0.036	0.384	0.002
0.403	0.079	0.410	0.049	0.424	-0.010	0.439	-0.056
0.450	-0.093	0.463	-0.123	0.471	-0.093	0.484	-0.042
0.495	-0.008	0.508	0.030	0.519	0.060	0.536	0.039
0.550	0.018	0.568	-0.007	0.576	-0.007	0.581	0.036
0.592	0.082	0.608	0.112	0.618	0.104	0.629	0.038
0.636	0.028	0.642	0.003	0.655	0.003	0.670	-0.013
0.678	-0.038	0.698	-0.064	0.708	-0.038	0.714	0.012
0.721	0.063	0.722	0.122	0.732	0.139	0.742	0.118
0.749	0.063	0.752	-0.013	0.754	-0.047	0.768	-0.068
0.778	-0.089	0.793	-0.118	0.806	-0.131	0.810	-0.085
0.819	-0.042	0.829	0.004	0.846	0.038	0.859	0.029
0.872	0.029	0.882	0.088	0.887	0.147	0.893	0.206
0.900	0.248	0.908	0.274	0.920	0.252	0.928	0.202
0.935	0.143	0.943	0.067	0.944	-0.005	0.953	-0.064
0.959	-0.131	0.971	-0.093	0.979	-0.038	0.984	0.038
0.987	0.105	0.997	0.172	1.005	0.219	1.012	0.219
1.020	0.160	1.027	0.071	1.030	0.038	1.045	-0.005
1.056	-0.051	1.066	-0.106	1.076	-0.144	1.084	-0.169
1.101	-0.148	1.111	-0.203	1.117	-0.283	1.124	-0.333
1.130	-0.375	1.148	-0.342	1.165	-0.300	1.176	-0.270
1.181	-0.160	1.188	-0.021	1.196	0.092	1.204	0.202
1.216	0.291	1.227	0.341	1.240	0.287	1.250	0.190
1.257	0.072	1.264	0.013	1.270	-0.012	1.285	0.038
1.293	0.144	1.301	0.249	1.303	0.312	1.313	0.380
1.328	0.414	1.336	0.422	1.347	0.384	1.356	0.287
1.361	0.174	1.365	0.051	1.369	-0.016	1.375	-0.067
1.399	-0.121	1.400	-0.205	1.408	-0.344	1.415	-0.492
1.420	-0.589	1.425	-0.652	1.428	-0.719	1.438	-0.749
1.448	-0.690	1.448	-0.525	1.459	-0.403	1.466	-0.306
1.472	-0.260	1.477	-0.222	1.490	-0.281	1.500	-0.310

3.007	0.255	3.016	0.381	3.024	0.486	3.026	0.562	4.695	0.524	4.704	0.605	4.712	0.752	4.717	0.904
3.027	0.604	3.039	0.638	3.051	0.617	3.059	0.482	4.718	0.925	4.720	1.018	4.723	1.161	4.730	1.237
3.067	0.303	3.077	0.103	3.080	-0.184	3.085	-0.412	4.743	1.296	4.755	1.237	4.758	1.115	4.763	0.976
3.090	-0.513	3.094	-0.631	3.097	-0.740	3.099	-0.842	4.768	0.795	4.773	0.504	4.779	0.252	4.784	0.033
3.104	-0.909	3.107	-0.955	3.114	-0.985	3.120	-0.930	4.789	-0.246	4.794	-0.503	4.797	-0.684	4.807	-0.848
3.137	-0.808	3.145	-0.699	3.150	-0.568	3.159	-0.399	4.812	-1.004	4.817	-1.147	4.820	-1.202	4.830	-1.227
3.165	-0.227	3.170	-0.071	3.178	0.106	3.183	0.270	4.835	-1.223	4.840	-1.147	4.847	-0.986	4.850	-0.852
3.192	0.431	3.197	0.523	3.198	0.620	3.203	0.717	4.855	-0.687	4.860	-0.400	4.866	-0.400	4.871	-0.316
3.212	0.763	3.218	0.751	3.230	0.692	3.233	0.582	4.883	-0.320	4.899	-0.324	4.908	-0.261	4.909	-0.160
3.243	0.527	3.256	0.481	3.263	0.544	3.273	0.624	4.911	-0.101	4.914	-0.025	4.921	0.043	4.926	0.119
3.281	0.675	3.297	0.721	3.309	0.675	3.316	0.603	4.929	0.165	4.941	0.127	4.945	0.051	4.954	-0.003
3.324	0.456	3.332	0.275	3.345	0.093	3.355	-0.058	4.962	-0.049	4.969	0.022	4.973	0.161	4.978	0.279
3.365	-0.197	3.370	-0.404	3.380	-0.615	3.382	-0.737	4.985	0.423	4.990	0.570	4.995	0.672	5.008	0.752
3.388	-0.855	3.395	-0.901	3.401	-0.922	3.406	-0.859	5.013	0.701	5.020	0.503	5.026	0.288	5.033	0.090
3.418	-0.770	3.430	-0.686	3.439	-0.551	3.443	-0.416	5.038	-0.057	5.039	-0.137	5.041	-0.242	5.044	-0.331
3.461	-0.294	3.461	-0.197	3.464	-0.121	3.467	-0.067	5.048	-0.394	5.052	-0.398	5.064	-0.342	5.071	-0.360
3.474	-0.092	3.479	-0.214	3.479	-0.370	3.494	-0.303	5.084	-0.318	5.090	-0.259	5.100	-0.187	5.105	-0.132
3.496	-0.404	3.505	-0.438	3.514	-0.479	3.522	-0.223	5.110	-0.069	5.115	-0.035	5.122	-0.001	5.133	-0.056
3.534	-0.037	3.537	0.060	3.542	0.110	3.555	0.148	5.145	-0.148	5.151	-0.258	5.156	-0.342	5.159	-0.447
3.573	0.195	3.586	0.304	3.590	0.447	3.596	0.637	5.166	-0.590	5.192	-0.510	5.202	-0.443	5.204	-0.396
3.605	0.755	3.610	0.928	3.613	1.033	3.616	1.113	5.217	-0.362	5.225	-0.312	5.230	-0.194	5.236	-0.071
3.623	1.206	3.633	1.122	3.641	0.945	3.649	0.624	5.243	0.118	5.246	0.283	5.249	0.435	5.258	0.569
3.656	0.350	3.666	0.195	3.674	0.131	3.689	-0.003	5.264	0.704	5.267	0.772	5.269	0.869	5.277	0.873
3.699	-0.147	3.704	-0.227	3.713	-0.260	3.733	-0.227	5.294	0.894	5.308	0.924	5.316	0.958	5.333	0.950
3.746	-0.610	3.763	-0.277	3.773	-0.391	3.781	-0.547	5.336	0.899	5.346	0.811	5.354	0.689	5.364	0.571
3.786	-0.218	3.791	-0.698	3.797	-0.749	3.807	-0.690	5.366	0.524	5.367	0.449	5.372	0.402	5.380	0.369
3.817	-0.622	3.827	-0.576	3.840	-0.660	3.852	-0.749	5.387	0.338	5.392	0.453	5.401	0.508	5.413	0.470
3.858	-0.862	3.867	-0.959	3.877	-1.039	3.885	-0.993	5.428	0.399	5.444	0.298	5.459	0.218	5.473	0.121
3.890	-0.854	3.898	-0.719	3.905	-0.567	3.909	-0.437	5.482	0.003	5.493	-0.102	5.503	-0.215	5.511	-0.304
3.916	-0.378	3.923	-0.432	3.937	-0.580	3.949	-0.790	5.516	-0.447	5.519	-0.578	5.529	-0.641	5.537	-0.666
3.952	-0.870	3.962	-0.870	3.969	-0.841	3.977	-0.740	5.545	-0.607	5.557	-0.527	5.568	-0.409	5.583	-0.371
3.984	-0.609	3.989	-0.550	3.997	-0.483	4.010	-0.550	5.565	-0.312	5.583	-0.303	5.593	-0.299	5.601	-0.252
4.017	-0.617	4.028	-0.693	4.038	-0.710	4.045	-0.634	5.611	-0.164	5.617	-0.083	5.627	0.047	5.635	0.149
4.051	-0.461	4.058	-0.288	4.061	-0.192	4.076	-0.069	5.642	0.187	5.657	0.145	5.668	0.061	5.676	-0.057
4.091	-0.120	4.104	-0.137	4.119	0.049	4.135	0.281	5.681	-0.171	5.686	-0.251	5.699	-0.323	5.714	-0.255
4.147	0.462	4.153	0.652	4.163	0.858	4.173	1.002	5.716	-0.146	5.722	-0.095	5.734	-0.002	5.745	-0.053
4.183	1.136	4.195	1.297	4.198	1.415	4.206	1.461	5.753	-0.166	5.765	-0.267	5.770	-0.318	5.780	-0.356
4.214	1.389	4.219	1.221	4.221	1.065	4.231	0.863	5.791	-0.288	5.803	-0.179	5.804	-0.145	5.813	-0.094
4.233	0.585	4.234	0.446	4.236	0.189	4.241	-0.001	5.831	0.003	5.839	0.087	5.844	0.150	5.847	0.180
4.243	-0.132	4.251	-0.224	4.254	-0.313	4.261	-0.237	5.852	0.226	5.859	0.209	5.865	0.142	5.870	0.024
4.267	-0.001	4.274	0.290	4.277	0.475	4.286	0.745	5.877	-0.081	5.886	-0.187	5.893	-0.296	5.886	-0.359
4.292	0.939	4.300	1.082	4.304	1.146	4.315	1.070	5.891	-0.427	5.896	-0.460	5.905	-0.469	5.911	-0.401
4.325	0.960	4.335	0.775	4.347	0.636	4.355	0.573	5.916	-0.288	5.923	0.136	5.932	0.109	5.937	0.366
4.365	0.657	4.373	0.859	4.380	1.024	4.385	1.239	5.944	0.509	5.951	0.614	5.957	0.748	5.964	0.745
4.395	1.353	4.400	1.429	4.405	1.492	4.411	1.429	5.972	0.758	5.990	0.754	6.001	0.758	6.021	0.771
4.418	1.328	4.421	1.121	4.433	0.851	4.439	0.641	6.029	0.762	6.036	0.691	6.042	0.573	6.047	0.425
4.441	0.291	4.444	-0.017	4.448	-0.413	4.454	-0.758	6.049	0.350	6.056	0.270	6.062	0.202	6.070	0.177
4.459	-0.956	4.464	-1.108	4.467	-1.230	4.471	-1.331	6.080	0.173	6.088	0.228	6.093	0.304	6.102	0.384
4.472	-1.437	4.479	-1.470	4.486	-1.399	4.495	-1.310	6.113	0.455	6.116	0.498	6.123	0.510	6.133	0.489
4.512	-0.520	4.524	-1.167	4.533	-1.023	4.540	-0.796	6.141	0.409	6.149	0.312	6.162	0.283	6.172	0.279
4.543	-0.716	4.547	-0.598	4.552	-0.450	4.557	-0.353	6.176	0.313	6.189	0.414	6.195	0.527	6.207	0.608
4.563	-0.294	4.571	-0.218	4.578	-0.264	4.586	-0.357	6.218	0.709	6.228	0.823	6.235	0.873	6.240	0.890
4.598	-0.450	4.605	-0.500	4.611	-0.454	4.619	-0.256	6.251	0.911	6.255	0.873	6.265	0.759	6.273	0.566
4.624	-0.091	4.629	0.065	4.633	0.250	4.634	0.427	6.279	0.911	6.284	0.283	6.291	0.169	6.297	0.157
4.638	0.528	4.644	0.621	4.649	0.697	4.656	0.781	6.312	0.405	6.329	0.056	6.337	-0.041	6.340	-0.197
4.659	0.739	4.667	0.638	4.677	0.596	4.684	0.541								

6.345	-0.302	6.347	-0.433	6.352	-0.543	6.353	-0.635	8.504	0.574	8.515	0.667	8.524	0.709	8.530	0.751
6.358	-0.694	6.362	-0.779	6.370	-0.804	6.377	-0.736	8.539	0.709	8.550	0.599	8.562	0.456	8.572	0.296
6.386	-0.660	6.395	-0.576	6.409	-0.526	6.419	-0.437	8.583	0.526	8.590	0.047	8.600	-0.134	8.610	-0.227
6.431	-0.298	6.442	-0.125	6.451	0.039	6.462	0.191	8.611	-0.336	8.616	-0.404	8.624	-0.496	8.638	-0.568
6.469	0.394	6.475	0.494	6.484	0.579	6.489	0.692	8.656	-0.648	8.667	-0.682	8.671	-0.690	8.682	-0.640
6.493	0.709	6.505	0.751	6.515	0.705	6.522	0.575	8.689	-0.572	8.697	-0.425	8.704	-0.290	8.710	-0.147
6.528	0.402	6.535	0.263	6.538	0.056	6.543	-0.074	8.715	-0.024	8.723	0.039	8.733	0.077	8.743	0.073
6.545	-0.188	6.550	-0.239	6.561	-0.256	6.564	-0.201	8.756	0.073	8.766	0.128	8.776	0.233	8.786	0.305
6.576	-0.121	6.578	-0.083	6.584	-0.032	6.591	-0.091	8.796	0.356	8.804	0.339	8.816	0.263	8.827	0.150
6.602	-0.209	6.610	-0.416	6.617	-0.588	6.624	-0.698	8.834	0.015	8.839	-0.074	8.849	-0.158	8.862	-0.225
6.630	-0.795	6.635	-0.862	6.648	-0.909	6.653	-0.866	8.881	-0.267	8.886	-0.242	8.898	-0.174	8.906	-0.090
6.662	-0.748	6.670	-0.660	6.683	-0.592	6.693	-0.626	8.918	-0.035	8.924	0.016	8.934	-0.014	8.946	-0.064
6.707	-0.727	6.714	-0.816	6.721	-0.934	6.732	-1.014	8.959	-0.140	8.969	-0.224	8.985	-0.266	8.990	-0.207
6.740	-1.086	6.757	-1.119	6.768	-1.065	6.780	-0.884	9.003	-0.122	9.010	-0.034	9.015	-0.025	9.024	-0.072
6.785	-0.745	6.793	-0.584	6.801	-0.437	6.817	-0.332	9.046	-0.038	9.058	-0.016	9.071	-0.067	9.074	-0.075
6.826	-0.319	6.837	-0.302	6.850	-0.302	6.858	-0.248	9.086	-0.016	9.092	0.119	9.099	0.254	9.110	0.384
6.872	-0.058	6.880	0.132	6.886	0.300	6.891	0.439	9.117	0.473	9.132	0.520	9.142	0.452	9.152	0.364
6.903	0.574	6.911	0.616	6.917	0.570	6.931	0.452	9.168	0.301	9.178	0.208	9.190	0.086	9.196	-0.019
6.936	0.334	6.939	0.287	6.947	0.258	6.952	0.300	9.203	-0.078	9.223	-0.166	9.254	-0.250	9.275	-0.376
6.962	0.452	6.968	0.624	6.978	0.848	6.983	0.966	9.287	-0.444	9.297	-0.465	9.313	-0.363	9.326	-0.152
6.985	1.105	6.995	1.218	6.996	1.324	7.001	1.357	9.335	-0.033	9.346	0.172	9.351	0.253	9.359	0.299
7.008	1.391	7.019	1.324	7.034	1.235	7.042	1.176	9.376	0.312	9.381	0.312	9.399	0.346	9.406	0.396
7.052	1.104	7.070	0.965	7.082	0.801	7.095	0.598	9.420	0.418	9.435	0.376	9.447	0.262	9.448	0.212
7.103	0.426	7.118	0.223	7.126	-0.004	7.132	-0.190	9.465	0.153	9.485	0.086	9.506	-0.007	9.528	-0.103
7.141	-0.413	7.146	-0.552	7.152	-0.649	7.160	-0.738	9.539	-0.179	9.544	-0.289	9.559	-0.356	9.572	-0.368
7.165	-0.755	7.172	-0.691	7.180	-0.578	7.190	-0.443	9.582	-0.297	9.600	-0.243	9.620	-0.233	9.635	-0.241
7.198	-0.338	7.213	-0.405	7.226	-0.443	7.246	-0.376	9.648	-0.148	9.663	0.033	9.678	0.435	9.696	0.316
7.269	0.308	7.272	-0.245	7.285	-0.165	7.305	-0.182	9.706	0.379	9.731	0.413	9.757	0.435	9.783	0.443
7.318	-0.089	7.331	0.050	7.337	0.126	7.344	0.223	9.802	0.074	9.815	0.402	9.836	0.246	9.856	0.187
7.356	0.336	7.364	0.446	7.374	0.564	7.382	0.657	9.878	0.439	9.901	-0.027	9.924	-0.090	9.939	-0.145
7.390	0.720	7.401	0.758	7.415	0.779	7.423	0.758	9.962	-0.170	9.972	-0.169	9.987	-0.236	10.008	-0.038
7.431	0.661	7.444	0.543	7.449	0.391	7.456	0.265	10.013	0.075	10.017	0.172	10.025	0.236	10.048	0.295
7.457	0.155	7.462	0.037	7.469	-0.056	7.477	-0.111	10.059	0.245	10.071	0.203	10.086	0.194	10.101	0.203
7.485	-0.119	7.493	-0.106	7.513	-0.081	7.521	-0.127	10.116	0.233	10.136	0.262	10.149	0.288	10.165	0.259
7.534	-0.246	7.544	-0.380	7.552	-0.553	7.561	-0.680	10.172	0.208	10.182	0.170	10.202	0.208	10.213	0.263
7.567	-0.768	7.575	-0.848	7.579	-0.907	7.582	-0.920	10.231	0.310	10.244	0.319	10.261	0.273	10.291	0.193
7.592	-0.933	7.602	-0.903	7.615	-0.819	7.625	-0.768	10.297	0.079	10.307	-0.047	10.324	-0.139	10.335	-0.219
7.639	-0.747	7.657	-0.768	7.679	-0.798	7.692	-0.730	10.352	-0.244	10.370	-0.299	10.378	-0.324	10.388	-0.286
7.705	-0.612	7.713	-0.486	7.723	-0.360	7.737	-0.250	10.396	-0.227	10.403	-0.180	10.409	-0.121	10.416	-0.062
7.743	-0.115	7.746	0.003	7.756	0.112	7.763	0.196	10.423	-0.012	10.436	0.031	10.449	-0.036	10.459	0.002
7.771	0.239	7.783	0.171	7.786	0.070	7.791	-0.044	10.469	-0.069	10.490	-0.065	10.495	-0.048	10.505	0.023
7.793	-0.145	7.799	-0.200	7.804	-0.212	7.822	-0.208	10.510	0.044	10.517	0.074	10.527	0.108	10.543	0.091
7.840	-0.208	7.862	-0.276	7.872	-0.368	7.883	-0.436	10.558	0.075	10.570	0.045	10.581	0.088	10.589	0.151
7.892	-0.529	7.898	-0.537	7.905	-0.537	7.918	-0.512	10.598	0.219	10.603	0.269	10.616	0.303	10.622	0.274
7.925	-0.436	7.931	-0.369	7.944	-0.305	7.969	-0.242	10.632	0.215	10.637	0.173	10.644	0.118	10.650	0.042
7.977	-0.183	7.990	-0.158	8.009	-0.145	8.019	-0.091	10.659	0.030	10.667	-0.004	10.680	0.009	10.695	0.035
8.027	-0.011	8.028	0.053	8.033	0.091	8.050	0.120	10.710	0.060	10.733	0.086	10.741	0.031	10.754	-0.024
8.070	0.196	8.080	0.263	8.088	0.335	8.101	0.381	10.762	-0.095	10.769	-0.171	10.782	-0.188	10.799	-0.171
8.111	0.360	8.122	0.326	8.134	0.229	8.141	0.107	10.809	-0.141	10.835	-0.128	10.846	-0.136	10.865	-0.161
8.145	0.048	8.159	0.010	8.172	-0.036	8.185	-0.133	10.881	-0.182	10.891	-0.148	10.904	-0.106	10.914	-0.085
8.198	-0.230	8.208	-0.331	8.220	-0.378	8.231	-0.394	10.930	-0.110	10.949	-0.127	10.970	-0.093	10.985	-0.046
8.248	-0.382	8.258	-0.314	8.266	-0.243	8.276	-0.163	10.996	-0.092	11.003	-0.172	11.010	-0.235	11.026	-0.252
8.289	-0.104	8.306	-0.053	8.314	-0.036	8.330	-0.049	11.044	-0.214	11.059	-0.172	11.067	-0.096	11.079	-0.020
8.350	-0.062	8.372	-0.100	8.378	-0.155	8.392	-0.209	11.089	0.019	11.102	0.073	11.120	0.040	11.131	-0.002
8.410	-0.138	8.418	-0.032	8.423	0.077	8.426	0.136	11.145	-0.027	11.164	0.015	11.181	0.083	11.193	0.142
8.444	0.204	8.463	0.296	8.484	0.359	8.489	0.473	11.217	0.176	11.236	0.147	11.255	0.067	11.282	-0.000

11.293	-0.072	11.307	-0.122	11.323	-0.194	11.336	-0.168	14.616	-0.186	14.631	-0.186	14.644	-0.224	14.660	-0.267
11.350	-0.134	11.373	-0.105	11.398	-0.113	11.416	-0.104	14.665	-0.288	14.681	-0.296	14.690	-0.267	14.701	-0.221
11.422	-0.066	11.431	-0.003	11.449	0.065	11.454	0.090	14.715	-0.162	14.725	-0.124	14.735	-0.116	14.743	-0.116
11.472	0.014	11.480	-0.045	11.500	-0.112	11.521	-0.166	14.762	0.104	14.777	-0.066	14.783	-0.015	14.795	0.052
11.533	0.044	11.541	-0.318	11.556	-0.436	11.571	-0.469	14.805	0.102	14.817	-0.127	14.837	-0.102	14.857	0.064
11.586	-0.494	11.599	-0.452	11.616	-0.380	11.627	-0.304	14.867	0.021	14.885	-0.021	14.895	-0.038	14.912	-0.038
11.634	-0.241	11.644	-0.182	11.652	-0.119	11.660	-0.030	14.932	-0.043	14.942	-0.060	14.956	-0.098	14.966	-0.132
11.679	0.033	11.687	0.080	11.699	0.147	11.705	0.151	14.979	-0.153	14.993	-0.111	15.003	-0.044	15.011	-0.010
11.718	0.139	11.737	0.075	11.750	0.016	11.758	-0.030	15.019	-0.002	15.039	0.002	15.058	0.027	15.070	0.081
11.770	0.089	11.783	-0.127	11.800	-0.156	11.811	-0.144	15.080	0.123	15.093	0.170	15.110	0.203	15.116	0.216
11.823	-0.114	11.838	-0.173	11.843	-0.207	11.850	-0.262	15.130	0.199	15.140	0.182	15.157	0.169	15.170	0.185
11.856	-0.313	11.881	-0.325	11.881	-0.325	11.896	-0.334	15.190	0.177	15.199	0.113	15.214	0.054	15.219	-0.005
11.909	-0.351	11.921	-0.393	11.931	-0.426	11.944	-0.414	15.225	-0.056	15.240	-0.081	15.254	-0.048	15.267	-0.014
11.956	-0.368	11.969	-0.292	11.978	-0.237	11.991	-0.191	15.284	-0.014	15.301	-0.019	15.313	0.027	15.321	0.103
12.003	-0.136	12.012	-0.136	12.026	-0.165	12.039	-0.178	15.341	0.158	15.366	0.195	15.373	0.183	15.383	0.157
12.052	-0.133	12.069	-0.090	12.086	-0.031	12.107	0.032	15.395	-0.132	15.417	-0.077	15.433	0.034	15.445	-0.016
12.125	0.113	12.142	0.167	12.149	0.281	12.162	0.310	15.465	-0.063	15.479	-0.097	15.492	-0.051	15.507	-0.021
12.182	0.348	12.195	0.348	12.212	0.344	12.222	0.302	15.522	-0.034	15.532	-0.018	15.549	0.012	15.568	0.054
12.233	0.263	12.243	0.204	12.250	0.158	12.261	0.145	15.553	0.024	15.568	0.025	15.623	0.023	15.652	0.128
12.281	0.145	12.300	0.132	12.311	0.094	12.334	0.083	15.655	0.183	15.668	0.225	15.688	0.242	15.703	0.209
12.359	0.001	12.376	-0.059	12.388	-0.097	12.404	-0.042	15.732	0.150	15.745	0.078	15.769	-0.001	15.782	0.003
12.411	-0.004	12.426	0.046	12.441	0.059	12.456	0.042	15.802	0.037	15.816	0.041	15.834	0.058	15.852	0.105
12.470	0.150	12.484	0.075	12.499	0.134	12.520	0.167	15.867	0.126	15.888	0.088	15.911	0.072	15.936	0.114
12.558	0.293	12.603	0.301	12.620	0.305	12.643	0.317	16.010	0.152	16.025	0.254	16.025	0.288	16.043	0.296
12.659	0.292	12.674	0.224	12.689	0.144	12.706	0.114	16.057	0.271	16.073	0.208	16.097	0.166	16.117	0.120
12.719	0.076	12.746	0.064	12.762	0.068	12.780	0.131	16.129	0.061	16.139	-0.026	16.159	-0.036	16.179	0.037
12.785	0.194	12.793	0.278	12.800	0.342	12.815	0.371	16.210	0.012	16.236	-0.026	16.259	-0.050	16.282	-0.071
12.835	0.375	12.846	0.375	12.863	0.392	12.873	0.447	16.297	-0.083	16.318	-0.066	16.333	-0.062	16.358	-0.061
12.889	0.501	12.904	0.476	12.921	0.408	12.932	0.299	16.379	-0.059	16.416	-0.111	16.425	-0.119	16.443	-0.081
12.944	0.172	12.951	0.067	12.969	0.004	12.980	0.016	16.460	-0.059	16.478	-0.084	16.500	-0.109	16.523	-0.058
12.994	0.046	13.005	0.063	13.023	0.012	13.043	-0.043	16.548	0.035	16.567	0.065	16.580	0.048	16.607	0.002
13.058	-0.081	13.071	-0.030	13.088	0.054	13.100	0.155	16.634	-0.056	16.654	-0.127	16.670	-0.211	16.690	-0.291
13.111	0.239	13.129	0.285	13.149	0.340	13.172	0.391	16.699	-0.337	16.714	-0.400	16.731	-0.396	16.752	-0.362
13.191	0.424	13.204	0.407	13.217	0.344	13.222	0.302	16.778	-0.340	16.806	-0.323	16.831	-0.251	16.840	-0.171
13.239	0.230	13.262	0.239	13.289	0.243	13.298	0.184	16.851	-0.104	16.871	-0.078	16.895	-0.069	16.935	-0.039
13.305	0.074	13.317	0.015	13.330	-0.019	13.347	0.011	16.952	0.003	16.967	0.029	16.980	0.008	17.007	-0.068
13.358	0.061	13.373	0.104	13.395	0.099	13.415	0.061	17.017	-0.106	17.032	-0.131	17.049	-0.126	17.067	-0.126
13.435	-0.006	13.456	-0.086	13.469	-0.141	13.491	-0.187	17.081	-0.160	17.096	-0.227	17.109	-0.260	17.129	-0.218
13.508	-0.145	13.528	-0.074	13.541	-0.002	13.562	0.036	17.153	-0.138	17.174	-0.083	17.198	-0.041	17.228	-0.041
13.577	-0.011	13.607	-0.074	13.627	-0.116	13.647	-0.192	17.254	0.005	17.274	0.085	17.286	0.127	17.294	0.140
13.660	-0.293	13.684	-0.399	13.717	-0.496	13.739	-0.525	17.308	0.131	17.326	0.131	17.349	0.169	17.361	0.228
13.757	-0.488	13.775	-0.446	13.789	-0.429	13.817	-0.412	17.376	0.253	17.389	0.215	17.408	0.135	17.434	0.042
13.834	-0.370	13.854	-0.333	13.870	-0.312	13.900	-0.261	17.453	0.004	17.468	0.042	17.483	0.088	17.503	0.037
13.924	-0.194	13.949	-0.131	13.970	-0.110	13.982	-0.161	17.519	-0.026	17.539	-0.060	17.549	-0.060	17.576	-0.018
13.994	-0.241	14.004	-0.304	14.020	-0.309	14.034	-0.288	17.594	0.045	17.616	0.053	17.649	0.053	17.667	0.069
14.049	-0.237	14.060	-0.216	14.069	-0.136	14.080	-0.094	17.681	0.124	17.700	0.191	17.714	0.224	17.728	0.190
14.089	-0.039	14.097	-0.010	14.120	0.015	14.139	0.049	17.753	0.110	17.762	0.084	17.771	0.084	17.808	0.087
14.147	0.095	14.157	0.141	14.169	0.179	14.182	0.162	17.836	0.066	17.871	0.018	17.877	-0.003	17.900	0.005
14.195	0.111	14.204	0.052	14.217	0.014	14.242	-0.024	17.925	-0.017	17.945	-0.051	17.971	-0.013	17.988	-0.035
14.259	-0.041	14.269	-0.049	14.287	-0.054	14.305	-0.045	18.013	-0.069	18.031	-0.015	18.033	0.010	18.039	0.027
14.327	-0.012	14.341	0.013	14.352	0.030	14.369	0.013	18.051	0.056	18.066	0.056	18.084	0.072	18.095	0.098
14.381	-0.012	14.394	-0.042	14.409	-0.016	14.427	-0.004	18.105	0.118	18.133	0.122	18.150	0.130	18.162	0.138
14.447	0.004	14.464	0.021	14.483	0.042	14.494	0.050	18.181	0.163	18.195	0.129	18.211	0.095	18.218	0.049
14.508	0.055	14.524	0.038	14.536	-0.005	14.549	-0.059	18.231	0.015	18.242	-0.006	18.257	0.006	18.284	0.036
14.558	-0.140	14.569	-0.157	14.581	-0.186	14.596	-0.186	18.295	0.015	18.307	-0.040	18.313	-0.066	18.335	-0.074

18.348	-0.087	18.363	-0.108	18.383	-0.125	18.396	-0.104	23.657	-0.008	23.676	0.039	23.706	0.005	23.723	-0.029
18.419	-0.049	18.446	-0.020	18.456	-0.054	18.472	-0.092	23.749	-0.012	23.777	0.001	23.803	-0.025	23.841	-0.071
18.498	-0.126	18.512	-0.117	18.528	-0.084	18.546	-0.050	23.874	-0.012	23.919	0.030	23.952	0.076	23.986	0.131
18.573	-0.063	18.591	-0.084	18.609	-0.101	18.624	-0.093	24.014	0.194	24.039	0.160	24.072	0.080	24.097	0.109
18.637	-0.084	18.660	-0.076	18.679	-0.106	18.697	-0.169	24.123	0.101	24.164	0.029	24.194	-0.042	24.227	-0.013
18.713	-0.186	18.727	-0.143	18.748	-0.046	18.760	-0.017	24.257	0.012	24.278	0.025	24.314	0.050	24.337	0.029
18.785	-0.046	18.799	-0.076	18.824	-0.021	18.838	-0.009	24.378	-0.042	24.416	-0.123	24.452	-0.068	24.493	0.025
18.859	-0.004	18.894	-0.025	18.911	-0.053	18.937	0.034	24.526	0.046	24.554	0.038	24.574	0.004	24.597	0.017
18.967	0.081	18.993	0.123	19.028	0.132	19.050	0.132	24.623	0.008	24.638	0.004	24.658	0.012	24.683	0.012
19.075	0.090	19.096	0.027	19.108	-0.028	19.128	-0.062	24.711	-0.034	24.729	-0.068	24.751	-0.046	24.775	-0.029
19.144	-0.041	19.164	-0.019	19.187	-0.028	19.222	-0.062	24.794	-0.034	24.825	0.026	24.861	0.093	24.886	0.085
19.254	-0.020	19.280	0.031	19.302	0.001	19.316	-0.058	24.931	0.022	24.949	-0.016	24.987	0.009	25.009	0.005
19.348	-0.100	19.378	-0.033	19.394	0.035	19.427	0.047	25.049	0.039	25.077	0.001	25.095	0.027	25.128	0.073
19.452	0.102	19.472	0.156	19.487	0.169	19.514	0.160	25.153	0.061	25.171	0.063	25.199	0.082	25.228	0.107
19.539	0.008	19.568	0.118	19.577	0.030	19.592	0.000	25.253	0.072	25.394	0.042	25.433	0.058	25.461	0.092
19.608	0.008	19.638	0.025	19.666	0.042	19.691	0.016	25.353	0.060	25.402	0.066	25.536	0.019	25.566	0.019
19.712	0.012	19.729	0.059	19.747	0.143	19.767	0.223	25.481	0.112	25.503	0.037	25.649	-0.016	25.689	0.043
19.778	0.223	19.805	0.176	19.833	0.138	19.871	0.126	25.593	0.002	25.621	-0.037	25.649	-0.016	25.689	0.043
19.894	0.088	19.922	0.020	19.953	-0.043	19.983	-0.026	25.731	0.055	25.773	0.029	25.809	0.003	25.843	-0.056
20.023	-0.001	20.044	0.054	20.072	0.125	20.095	0.062	25.879	-0.094	25.903	-0.078	25.936	-0.019	25.968	0.031
20.115	0.032	20.140	0.062	20.153	0.117	20.161	0.117	25.994	-0.026	26.028	0.005	26.063	-0.063	26.088	-0.051
20.176	0.083	20.201	0.058	20.221	0.057	20.259	0.066	26.124	-0.030	26.168	0.003	26.206	-0.044	26.229	-0.048
20.277	0.045	20.300	0.040	20.326	0.061	20.331	0.049	26.253	-0.040	26.303	-0.061	26.331	-0.040	26.354	-0.019
20.348	0.019	20.359	-0.011	20.381	-0.002	20.401	0.023	26.392	-0.053	26.407	-0.082	26.439	-0.032	26.467	0.006
20.421	-0.011	20.437	-0.007	20.467	0.006	20.485	-0.028	26.506	-0.003	26.524	0.010	26.552	-0.003	26.569	0.014
20.505	-0.096	20.528	-0.134	20.550	-0.100	20.578	-0.003	26.597	-0.097	26.627	-0.003	26.682	-0.041	26.727	-0.092
20.602	0.014	20.624	0.022	20.645	0.018	20.664	0.016	26.759	-0.097	26.785	-0.004	26.834	0.075	26.872	0.130
20.697	-0.075	20.718	-0.122	20.738	-0.152	20.772	-0.152	26.902	0.142	26.938	0.133	26.960	0.066	26.987	-0.015
20.783	-0.139	20.806	-0.097	20.825	-0.076	20.845	-0.081	27.025	-0.032	27.065	-0.028	27.105	0.027	27.140	0.073
20.866	-0.089	20.883	-0.081	20.914	-0.048	20.931	-0.014	27.182	0.060	27.222	0.042	27.258	0.042	27.290	0.041
20.954	-0.056	20.971	-0.099	20.991	-0.065	21.016	-0.044	27.320	-0.002	27.348	-0.032	27.392	-0.003	27.432	0.034
21.041	0.002	21.069	0.061	21.084	0.056	21.117	0.018	27.457	0.063	27.492	0.063	27.520	0.037	27.565	-0.014
21.137	0.026	21.155	0.035	21.182	-0.008	21.205	0.016	27.594	-0.044	27.627	-0.007	27.667	0.051	27.695	0.030
21.235	-0.083	21.260	-0.117	21.290	-0.112	21.324	-0.087	27.742	0.008	27.777	-0.056	27.809	-0.073	27.846	-0.061
21.349	-0.095	21.369	-0.053	21.389	0.006	21.412	-0.015	27.861	-0.061	27.910	-0.033	27.936	0.005	27.958	0.000
21.450	-0.027	21.470	0.019	21.490	0.079	21.524	0.079	27.980	0.012	28.007	0.050	28.027	0.028	28.044	-0.001
21.554	0.108	21.580	0.088	21.620	-0.013	21.647	-0.055	28.060	-0.014	28.090	-0.066	28.116	-0.019	28.141	-0.045
21.669	-0.068	21.715	-0.013	21.744	0.037	21.782	0.054	28.177	-0.037	28.214	-0.054	28.241	-0.076	28.288	-0.055
21.802	0.054	21.815	0.045	21.835	0.079	21.855	0.109	28.330	-0.035	28.358	-0.060	28.388	-0.086	28.423	-0.065
21.875	0.087	21.895	0.011	21.929	-0.022	21.944	-0.001	28.450	-0.095	28.490	-0.104	28.535	-0.058	28.582	-0.029
21.967	0.020	21.985	-0.014	22.009	-0.074	22.035	-0.010	28.604	-0.012	28.644	-0.063	28.684	-0.021	28.709	-0.030
22.059	-0.019	22.087	-0.065	22.117	-0.074	22.140	-0.040	28.738	-0.018	28.773	0.028	28.816	0.010	28.850	0.060
22.154	-0.015	22.184	-0.028	22.209	-0.028	22.235	0.022	28.880	0.043	28.930	-0.039	28.963	-0.039	29.005	0.007
22.255	0.089	22.274	0.109	22.286	0.088	22.311	0.003	29.057	-0.011	29.082	0.014	29.119	0.043	29.160	0.013
22.331	-0.014	22.362	0.109	22.382	-0.015	22.409	0.022	29.195	-0.022	29.239	0.020	29.272	0.061	29.299	0.018
22.437	0.105	22.467	0.143	22.498	0.117	22.528	0.095	29.321	-0.012	29.354	-0.009	29.384	-0.026	29.418	-0.056
22.553	0.014	22.576	-0.024	22.604	0.000	22.643	0.088	29.450	-0.057	29.491	-0.024	29.528	0.018	29.567	0.017
22.683	0.112	22.716	0.083	22.743	0.049	22.775	-0.019	29.593	0.037	29.635	0.053	29.669	0.040	29.700	0.023
22.800	-0.074	22.818	-0.061	22.850	-0.027	22.867	-0.040	29.729	-0.007	29.742	-0.028	29.775	0.001	29.802	-0.008
22.879	-0.040	22.910	0.014	22.940	0.082	22.957	0.027	29.842	-0.029	29.885	-0.004	29.919	0.005	29.912	0.034
22.977	-0.032	22.991	-0.066	23.022	-0.091	23.044	-0.138	29.930	0.059	29.952	0.012	29.978	-0.005	30.007	0.016
23.064	-0.163	23.091	-0.146	23.126	-0.104	23.151	-0.054	30.047	0.015	30.075	0.041	30.093	0.061	30.125	0.044
23.179	-0.016	23.203	-0.050	23.219	-0.096	23.241	-0.142	30.167	0.052	30.215	0.026	30.246	-0.008	30.273	-0.030
23.269	-0.108	23.309	-0.032	23.339	-0.006	23.381	0.023	30.313	-0.056	30.331	-0.060	30.368	-0.040	30.391	-0.002
23.411	0.011	23.444	-0.048	23.469	-0.069	23.490	-0.077	30.419	0.031	30.446	0.030	30.471	-0.012	30.499	-0.013
23.525	-0.085	23.568	-0.118	23.593	-0.080	23.625	-0.063	30.540	-0.014	30.559	-0.043	30.587	-0.086	30.612	-0.044

30.637	-0.015	30.667	0.039	30.695	0.067	30.718	0.116	33.929	0.054	33.949	0.050	33.969	0.054	33.989	0.033
*30.727	0.154	30.747	0.212	30.763	0.236	30.775	0.219	34.002	-0.005	34.019	-0.026	34.045	-0.030	34.085	-0.039
30.795	0.176	30.808	0.104	30.827	-0.049	30.838	-0.151	34.108	-0.052	34.125	-0.060	34.155	0.033	34.180	0.096
30.850	-0.176	30.862	-0.156	30.878	-0.123	30.887	-0.107	34.203	0.134	34.230	0.147	34.253	0.135	34.265	0.122
30.900	-0.133	30.913	-0.167	30.925	-0.184	30.937	-0.168	34.280	0.088	34.303	0.038	34.306	-0.021	34.318	-0.038
30.945	-0.152	30.955	-0.114	30.973	-0.043	30.990	0.016	34.336	-0.016	34.354	-0.008	34.361	-0.012	34.379	-0.033
31.012	0.087	31.025	0.129	31.033	0.145	31.052	0.120	34.398	-0.037	34.413	-0.007	34.426	0.019	34.443	0.036
31.067	0.098	31.085	0.170	31.098	0.224	31.112	0.253	34.472	0.023	34.506	0.028	34.529	0.075	34.547	0.075
31.130	0.227	31.143	0.198	31.158	0.147	31.182	0.233	34.566	0.062	34.585	0.066	34.597	0.025	34.614	-0.009
31.205	0.082	31.219	0.019	31.241	-0.083	31.252	-0.121	34.630	0.008	34.644	0.030	34.652	0.034	34.672	0.005
31.267	-0.109	31.281	-0.058	31.301	-0.059	31.313	-0.084	34.688	-0.021	34.698	-0.041	34.710	-0.046	34.732	-0.020
31.333	-0.110	31.345	-0.135	31.360	-0.135	31.377	-0.080	34.756	0.010	34.780	-0.003	34.791	-0.007	34.806	0.035
31.394	0.001	31.409	0.030	31.422	0.043	31.442	0.094	34.816	0.023	34.833	-0.007	34.851	-0.020	34.874	0.004
31.454	0.178	31.464	0.178	31.481	0.153	31.491	0.132	34.892	0.033	34.911	0.034	34.942	0.036	34.964	0.027
31.498	0.111	31.508	0.145	31.515	0.179	31.526	0.225	35.008	-0.029	35.031	-0.043	35.111	-0.049	35.157	-0.060
31.538	0.192	31.550	0.137	31.558	0.108	31.573	0.019	35.176	-0.035	35.200	-0.011	35.215	0.010	35.243	-0.021
31.590	-0.035	31.597	-0.073	31.610	-0.073	31.619	-0.048	35.263	-0.043	35.288	-0.056	35.308	-0.032	35.326	-0.003
31.627	-0.010	31.636	-0.014	31.644	-0.061	31.657	-0.107	35.341	0.009	35.359	-0.024	35.462	-0.053	35.488	-0.053
31.678	-0.150	31.689	-0.188	31.699	-0.188	31.713	-0.142	35.341	0.009	35.359	-0.024	35.462	-0.053	35.488	-0.053
31.730	-0.024	31.752	0.014	31.762	0.035	31.777	0.058	35.500	-0.036	35.531	-0.003	35.556	0.014	35.573	0.031
31.792	0.001	31.800	-0.025	31.807	-0.054	31.822	-0.019	35.597	0.019	35.611	-0.003	35.624	0.027	35.640	0.052
31.837	-0.021	31.851	0.013	31.863	0.033	31.871	0.003	35.650	0.073	35.664	0.056	35.675	0.027	35.697	-0.007
31.879	0.037	31.893	-0.001	31.898	-0.047	31.908	-0.085	35.705	-0.032	35.741	-0.032	35.756	-0.054	35.773	-0.083
31.918	-0.119	31.928	-0.103	31.945	-0.053	31.960	-0.023	35.793	-0.071	35.817	-0.037	35.832	-0.012	35.845	0.005
31.969	-0.003	31.980	0.014	31.994	-0.003	32.007	-0.042	35.874	0.039	35.892	0.072	35.907	0.064	35.935	0.043
32.026	-0.093	32.036	-0.114	32.054	-0.127	32.068	-0.098	36.097	0.055	36.143	0.070	36.011	0.044	36.075	0.033
32.081	-0.060	32.095	-0.014	32.108	0.032	32.122	0.052	36.227	0.019	36.247	0.046	36.179	-0.056	36.202	-0.031
32.135	0.035	32.154	0.014	32.162	-0.016	32.175	-0.062	36.345	-0.034	36.379	-0.019	36.406	-0.002	36.474	0.034
32.189	-0.092	32.200	-0.114	32.210	-0.101	32.237	-0.089	36.513	0.024	36.533	-0.019	36.580	0.028	36.606	0.050
32.256	-0.086	32.271	-0.069	32.286	-0.053	32.312	-0.037	36.677	0.034	36.709	0.005	36.729	-0.017	36.770	0.021
32.329	-0.003	32.342	-0.029	32.356	-0.063	32.368	-0.080	36.800	-0.013	36.849	0.037	36.870	0.040	36.908	0.084
32.376	-0.097	32.383	-0.085	32.401	-0.047	32.409	-0.031	36.880	-0.013	36.895	0.010	37.030	0.038	37.078	-0.037
32.443	-0.031	32.468	-0.028	32.489	-0.016	32.510	0.001	37.096	-0.026	37.143	0.026	37.190	0.033	37.206	0.012
32.523	0.025	32.540	0.055	32.551	0.080	32.561	0.058	37.236	-0.027	37.268	0.006	37.400	0.014	37.425	0.048
32.571	0.041	32.583	0.020	32.591	-0.002	32.606	-0.010	37.456	0.022	37.485	0.009	37.516	-0.013	37.528	-0.017
32.630	-0.007	32.643	-0.020	32.655	-0.046	32.680	-0.072	37.543	0.008	37.568	-0.031	37.595	-0.040	37.650	-0.045
32.700	-0.093	32.708	-0.085	32.721	-0.047	32.729	-0.014	37.681	-0.029	37.716	-0.042	37.751	0.012	37.771	0.045
32.734	0.011	32.748	0.036	32.756	0.049	32.764	0.023	37.789	0.019	37.802	0.007	37.836	0.044	37.864	0.005
32.776	0.002	32.791	-0.024	32.801	-0.041	32.816	-0.058	37.910	-0.008	37.948	-0.060	37.970	-0.001	38.001	0.020
32.827	-0.016	32.835	0.001	32.849	0.022	32.867	-0.008	38.036	-0.001	38.076	0.053	38.145	-0.006	38.180	0.028
32.882	-0.020	32.897	0.001	32.912	0.026	32.928	0.034	38.208	-0.002	38.260	0.040	38.308	0.001	38.331	-0.025
32.942	0.013	32.955	0.001	32.970	0.013	32.981	0.047	38.373	-0.047	38.392	-0.027	38.417	-0.002	38.465	-0.004
32.990	0.072	33.001	0.047	33.016	-0.024	33.026	-0.058	38.500	-0.013	38.538	0.008	38.575	-0.005	38.616	0.007
33.039	-0.058	33.054	-0.046	33.087	0.018	33.101	0.034	38.641	-0.018	38.678	0.028	38.695	-0.011	38.747	0.022
33.159	0.026	33.177	0.009	33.198	0.034	33.238	0.076	38.774	0.035	38.794	0.001	38.851	-0.042	38.893	-0.026
33.254	0.085	33.261	0.114	33.271	0.118	33.282	0.089	38.908	-0.018	38.949	0.041	38.986	-0.019	39.018	-0.020
33.292	0.068	33.306	0.029	33.317	0.004	33.325	-0.022	39.055	-0.047	39.068	0.029	39.099	-0.030	39.127	-0.031
33.345	-0.010	33.353	-0.002	33.363	-0.028	33.370	-0.057	39.139	-0.010	39.156	0.023	39.168	0.044	39.183	0.006
33.385	-0.088	33.400	-0.101	33.418	-0.085	33.433	-0.060	39.203	-0.067	39.223	-0.092	39.240	-0.058	39.270	-0.008
33.442	-0.014	33.456	0.036	33.480	0.043	33.493	0.072	39.294	0.001	39.311	-0.050	39.338	-0.046	39.367	-0.033
33.504	0.106	33.512	0.122	33.532	0.151	33.548	0.158	39.407	0.030	39.434	-0.012	39.458	-0.033	39.480	0.000
33.565	0.166	33.579	0.149	33.594	0.106	33.614	0.059	39.510	-0.034	39.549	-0.009	39.569	-0.043	39.613	0.024
33.640	0.041	33.655	0.007	33.670	0.011	33.693	0.027	39.707	-0.053	39.726	-0.070	39.749	-0.037	39.788	-0.038
33.708	-0.003	33.712	-0.037	33.737	-0.051	33.762	-0.035	39.804	-0.026	39.823	0.020	39.838	0.050	39.876	0.040
33.781	-0.018	33.793	0.011	33.815	0.014	33.833	0.026	39.902	-0.031	39.930	0.005	39.969	-0.047	39.999	-0.090
33.853	0.055	33.874	0.080	33.894	0.084	33.913	0.071								

40.015	-0.078	40.057	-0.066	40.074	-0.084	40.099	-0.097	49.984	-0.010	49.997	0.003	50.012	-0.010	50.034	-0.028
40.116	-0.077	40.151	-0.049	40.171	-0.033	40.211	-0.047	50.052	-0.037	50.060	-0.024	50.074	-0.016	50.085	-0.012
40.233	-0.052	40.290	0.009	40.340	0.005	40.386	-0.013	50.112	-0.017	50.130	-0.001	50.150	-0.014	50.187	-0.023
40.431	-0.047	40.460	-0.030	40.558	0.003	40.590	-0.014	50.212	-0.032	50.232	-0.007	50.250	-0.001	50.262	0.009
40.637	0.045	40.708	0.045	40.733	0.020	40.780	-0.013	50.283	-0.013	50.298	-0.022	50.303	-0.031	50.308	-0.023
40.830	-0.001	40.867	0.008	40.900	0.042	40.930	0.029	50.330	-0.015	50.337	-0.007	50.353	-0.021	50.375	-0.039
41.025	-0.027	41.072	0.010	41.122	0.055	41.163	0.038	50.402	-0.007	50.427	0.005	50.452	-0.016	50.465	0.024
41.187	-0.058	41.220	0.036	41.258	-0.003	41.298	-0.025	50.478	0.040	50.492	0.018	50.508	-0.004	50.525	-0.005
41.336	-0.039	41.365	-0.057	41.400	-0.033	41.433	-0.034	50.555	-0.007	50.567	-0.016	50.592	-0.001	50.607	-0.019
41.461	-0.001	41.476	0.024	41.506	-0.024	41.534	-0.041	50.637	-0.021	50.665	-0.023	50.683	-0.041	50.705	-0.021
41.593	-0.009	41.639	-0.011	41.686	-0.024	41.702	-0.029	50.730	-0.018	50.770	0.004	50.809	-0.028	50.874	0.033
41.715	0.025	41.750	0.041	41.790	0.020	41.832	-0.002	50.934	0.021	50.954	0.004	51.019	-0.028	51.039	-0.028
41.876	-0.015	41.926	-0.029	41.961	-0.008	41.991	0.020	51.073	-0.006	51.119	0.012	51.144	0.012	51.178	0.034
42.029	-0.010	42.057	0.019	42.097	-0.024	42.132	-0.055	51.199	0.029	51.224	0.008	51.259	-0.014	51.296	0.002
42.164	-0.068	42.215	-0.032	42.237	-0.058	42.255	-0.062	51.328	-0.019	51.406	-0.012	51.418	-0.008	51.443	0.009
42.289	-0.051	42.317	-0.022	42.336	-0.023	42.362	-0.049	51.466	-0.008	51.486	-0.025	51.519	-0.026	51.559	-0.014
42.422	-0.059	42.474	-0.048	42.524	-0.024	42.563	0.018	51.601	-0.002	51.633	0.002	51.659	-0.008	51.706	-0.022
42.636	-0.017	42.661	0.000	42.683	0.025	42.723	-0.051	51.766	-0.019	51.840	-0.025	51.881	-0.039	51.920	-0.023
42.767	-0.064	42.808	-0.056	42.845	-0.005	42.946	-0.011	51.933	-0.015	51.956	-0.033	51.998	-0.034	52.051	-0.014
42.981	-0.029	43.013	-0.021	43.064	0.004	43.084	0.024	52.093	-0.011	52.153	-0.025	52.187	-0.034	52.228	-0.006
43.193	-0.008	43.240	0.040	43.354	0.017	43.427	0.028	52.255	-0.007	52.293	0.008	52.326	-0.009	52.375	-0.012
43.469	0.007	43.531	0.035	43.590	0.031	43.622	0.072	52.431	0.009	52.493	0.018	52.518	-0.007	52.546	-0.006
43.699	0.046	43.741	0.029	43.779	-0.005	43.826	0.002	52.605	0.007	52.636	0.020	52.666	0.038	52.699	0.026
43.907	0.029	43.950	0.007	44.000	-0.041	44.039	-0.017	52.721	0.064	52.755	0.031	52.810	-0.023	52.825	-0.002
44.104	-0.048	44.139	0.060	44.206	0.020	44.237	-0.024	52.853	0.019	52.879	0.048	52.904	0.031	52.940	0.057
44.292	-0.013	44.357	-0.040	44.401	0.022	44.475	-0.009	52.970	0.027	52.990	0.014	53.061	0.031	53.089	0.047
44.498	-0.030	44.565	0.020	44.619	0.023	44.671	-0.015	53.133	0.034	53.175	0.021	53.223	0.029	53.252	0.033
44.748	-0.021	44.779	0.026	44.813	0.047	44.836	0.017	53.300	-0.002	53.342	0.006	53.381	-0.025	53.421	-0.009
44.873	-0.021	44.903	-0.047	44.943	-0.018	45.012	-0.007	53.459	-0.039	53.495	-0.015	53.517	0.006	53.553	-0.011
45.050	-0.017	45.085	-0.035	45.139	-0.019	45.184	0.034	53.598	0.022	53.617	-0.021	53.645	-0.013	53.669	-0.030
45.227	-0.033	45.259	-0.015	45.297	0.001	45.320	-0.025	53.697	-0.001	53.743	-0.006	53.784	-0.016	53.824	0.009
45.352	-0.039	45.383	-0.019	45.438	-0.055	45.520	-0.028	53.859	0.033	53.909	0.028	53.940	0.039	53.973	0.047
45.558	-0.028	45.590	0.001	45.616	-0.021	45.635	-0.042	53.993	0.026	54.020	0.025	54.043	0.041	54.054	0.020
45.656	-0.009	45.698	-0.051	45.751	-0.010	45.799	-0.036	54.081	0.011	54.107	0.019	54.127	0.006	54.152	0.019
45.825	0.014	45.864	-0.016	45.935	0.038	45.976	-0.004	54.179	-0.015	54.200	-0.019	54.222	0.006	54.246	0.027
46.020	0.025	46.079	-0.039	46.129	-0.024	46.182	0.034	54.275	0.001	54.328	0.001	54.353	0.026	54.392	-0.016
46.222	0.012	46.273	0.011	46.369	0.023	46.409	0.037	54.434	0.019	54.470	-0.022	54.497	0.008	54.538	-0.038
46.456	-0.007	46.537	0.001	46.618	-0.002	46.688	0.037	54.573	0.010	54.613	-0.037	54.629	-0.020	54.656	0.010
46.772	0.020	46.813	0.031	46.876	0.004	46.893	-0.017	54.682	-0.024	54.726	0.010	54.762	-0.011	54.804	0.011
46.972	0.010	47.042	0.004	47.111	0.027	47.181	0.003	54.832	-0.002	54.895	-0.012	54.975	-0.023	55.025	-0.033
47.250	0.013	47.335	0.027	47.443	0.006	47.531	-0.009	55.065	0.034	55.078	0.016	55.112	-0.015	55.160	0.026
47.589	0.002	47.651	0.017	47.702	0.003	47.772	0.027	55.198	-0.014	55.237	0.015	55.277	0.005	55.305	-0.017
47.854	-0.000	47.941	0.010	48.012	0.042	48.077	0.007	55.343	-0.024	55.382	-0.010	55.427	0.021	55.455	-0.027
48.182	-0.012	48.315	-0.026	48.427	-0.031	48.462	-0.036	55.468	0.017	55.495	-0.001	55.528	0.010	55.565	-0.030
48.500	-0.049	48.539	-0.004	48.587	-0.009	48.638	-0.027	55.588	-0.014	55.605	0.006	55.628	-0.024	55.652	-0.051
48.688	-0.050	48.772	-0.035	48.821	-0.002	48.867	-0.021	55.688	0.002	55.733	-0.022	55.745	-0.005	55.758	0.021
48.917	-0.028	48.948	-0.054	48.974	-0.030	49.007	-0.023	55.783	0.030	55.805	0.014	55.833	0.028	55.851	0.033
49.029	-0.041	49.058	-0.004	49.068	-0.025	49.101	-0.011	55.873	-0.008	55.901	-0.003	55.928	-0.049	55.944	-0.053
49.136	0.039	49.161	0.005	49.185	-0.013	49.222	0.020	55.976	-0.010	56.012	-0.013	56.029	-0.012	56.056	0.022
49.250	-0.011	49.285	-0.003	49.318	-0.025	49.357	0.015	56.090	0.002	56.122	-0.012	56.155	0.004	56.177	-0.013
49.377	0.011	49.395	-0.003	49.423	0.039	49.450	-0.017	56.207	-0.035	56.235	-0.044	56.261	-0.037	56.307	-0.022
49.463	-0.000	49.498	-0.014	49.517	-0.002	49.542	-0.019	56.335	-0.006	56.360	0.010	56.392	-0.025	56.411	-0.013
49.580	-0.016	49.607	-0.016	49.621	-0.029	49.648	-0.000	56.448	0.020	56.466	0.020	56.491	0.004	56.520	0.012
49.661	0.008	49.686	-0.022	49.709	-0.010	49.746	0.001	56.563	-0.001	56.603	-0.005	56.619	-0.013	56.649	0.025
49.809	0.008	49.827	0.008	49.847	0.007	49.872	0.019	56.671	0.009	56.697	-0.016	56.750	-0.019	56.766	-0.031
49.903	0.026	49.913	0.009	49.933	-0.004	49.959	-0.022	56.796	-0.015	56.831	0.000	56.855	-0.030	56.882	-0.010

1.327	-0.488	1.332	-0.573	1.340	-0.644	1.346	-0.661	3.107	1.311	3.119	1.365	3.131	1.247	3.139	1.117
1.358	-0.594	1.366	-0.497	1.373	-0.404	1.379	-0.366	3.142	0.961	3.149	0.784	3.152	0.641	3.157	0.324
1.384	-0.337	1.399	-0.316	1.406	-0.282	1.414	-0.244	3.162	0.038	3.167	-0.341	3.172	-0.628	3.176	-0.889
1.419	-0.206	1.427	-0.109	1.432	-0.050	1.438	-0.012	3.182	-1.281	3.189	-1.492	3.196	-1.686	3.199	-1.812
1.445	-0.004	1.453	-0.038	1.463	-0.113	1.466	-0.164	3.209	-1.821	3.212	-1.336	3.224	-0.948	3.230	-0.472
1.471	-0.257	1.473	-0.354	1.476	-0.446	1.483	-0.552	3.238	0.210	3.248	0.598	3.252	0.982	3.262	1.209
1.489	-0.615	1.494	-0.636	1.504	-0.468	1.511	-0.185	3.268	1.230	3.280	1.066	3.281	0.944	3.288	0.733
1.516	-0.029	1.521	0.325	1.527	0.725	1.532	1.045	3.293	0.531	3.298	0.168	3.303	-0.220	3.311	-0.375
1.540	1.235	1.545	1.395	1.560	1.454	1.575	1.945	3.316	0.611	3.323	-0.776	3.336	-0.923	3.346	-1.016
1.595	1.344	1.605	1.293	1.611	1.192	1.614	1.027	3.354	-1.109	3.362	-1.244	3.369	-1.282	3.377	-1.088
1.618	0.897	1.623	0.602	1.628	0.306	1.629	0.037	3.384	-0.784	3.392	-0.574	3.397	-0.216	3.407	-0.165
1.634	-0.334	1.638	-0.596	1.644	-0.971	1.649	-1.283	3.409	0.033	3.422	0.092	3.427	0.067	3.435	-0.064
1.656	-1.485	1.659	-1.489	1.667	-1.195	1.670	-0.950	3.442	-0.182	3.450	-0.292	3.455	-0.380	3.461	-0.464
1.674	-0.263	1.677	0.297	1.687	1.085	1.694	1.456	3.470	-0.532	3.476	-0.549	3.486	-0.427	3.494	-0.330
1.702	1.654	1.708	1.674	1.722	1.476	1.723	1.198	3.501	-0.241	3.511	-0.186	3.526	-0.153	3.534	-0.127
1.730	0.983	1.737	0.620	1.746	0.157	1.755	-0.252	3.546	-0.123	3.549	-0.128	3.562	-0.212	3.567	-0.292
1.770	-0.404	1.783	-0.198	1.796	0.046	1.808	0.193	3.574	-0.355	3.580	-0.448	3.585	-0.494	3.592	-0.566
1.821	-0.273	1.834	-0.252	1.847	-0.180	1.857	0.053	3.599	-0.587	3.607	-0.469	3.620	-0.321	3.625	-0.254
1.862	-0.098	1.867	-0.242	1.874	-0.398	1.882	-0.465	3.633	-0.077	3.645	-0.052	3.653	0.003	3.663	0.075
1.897	-0.314	1.904	-0.255	1.914	0.031	1.920	0.263	3.670	0.155	3.674	0.235	3.678	0.328	3.681	0.446
1.934	0.297	1.945	0.242	1.948	0.107	1.957	-0.003	3.688	0.534	3.694	0.606	3.698	0.623	3.711	0.665
1.965	-0.168	1.972	-0.408	1.978	-0.699	1.987	-0.880	3.716	0.631	3.719	0.526	3.732	0.365	3.737	0.151
2.001	-0.965	2.018	-1.049	2.026	-1.104	2.038	-1.071	3.745	-0.077	3.755	-0.284	3.765	-0.406	3.772	-0.402
2.046	-0.852	2.048	-0.591	2.054	-0.376	2.058	-0.039	3.780	-0.203	3.790	-0.043	3.796	0.045	3.803	0.176
2.068	0.273	2.074	0.450	2.083	0.631	2.093	0.673	3.816	0.260	3.833	0.273	3.844	0.222	3.851	0.138
2.102	0.513	2.112	0.331	2.117	0.087	2.124	-0.120	3.857	0.092	3.866	0.016	3.872	-0.035	3.882	-0.102
2.131	-0.322	2.144	-0.428	2.157	-0.445	2.170	-0.416	3.885	-0.207	3.892	-0.330	3.900	-0.380	3.903	-0.452
2.180	-0.331	2.190	-0.239	2.195	-0.112	2.205	0.052	3.908	-0.511	3.918	-0.536	3.930	-0.649	3.941	-0.753
2.215	0.128	2.225	0.145	2.234	0.001	2.244	-0.100	3.950	0.018	3.964	0.303	3.976	0.501	3.986	0.653
2.254	-0.193	2.265	-0.264	2.277	-0.328	2.288	-0.294	3.996	0.762	4.006	0.876	4.020	0.935	4.034	0.986
2.297	-0.227	2.307	-0.197	2.313	-0.239	2.325	-0.319	4.035	0.986	4.047	0.910	4.053	0.784	4.060	0.653
2.327	-0.421	2.330	-0.551	2.337	-0.707	2.342	-0.825	4.067	-0.548	4.075	0.375	4.083	0.236	4.093	0.143
2.348	-0.943	2.352	-0.952	2.360	-0.657	2.368	-0.379	4.106	0.072	4.119	0.038	4.128	0.055	4.141	0.160
2.377	0.085	2.383	0.329	2.392	0.540	2.405	0.574	4.152	0.240	4.159	0.329	4.167	0.396	4.179	0.375
2.423	0.582	2.433	0.536	2.443	0.485	2.453	0.354	4.185	0.312	4.192	0.232	4.202	0.110	4.207	-0.016
2.465	0.257	2.468	0.186	2.478	0.143	2.490	0.261	4.212	-0.122	4.215	-0.202	4.220	-0.299	4.227	-0.366
2.497	0.371	2.503	0.485	2.512	0.582	2.520	0.577	4.245	-0.189	4.251	0.001	4.258	0.232	4.266	0.498
2.527	0.506	2.533	0.350	2.540	0.207	2.543	0.009	4.274	0.599	4.286	0.624	4.293	0.620	4.303	0.616
2.550	-0.223	2.560	-0.345	2.578	-0.413	2.593	-0.451	4.314	0.709	4.326	0.814	4.334	0.899	4.347	0.953
2.605	-0.510	2.617	-0.556	2.623	-0.539	2.637	-0.358	4.352	0.937	4.359	0.865	4.367	0.755	4.375	0.633
2.643	-0.278	2.647	-0.063	2.653	0.051	2.660	0.220	4.384	0.519	4.389	0.389	4.397	0.132	4.400	-0.058
2.665	0.300	2.673	0.325	2.680	0.338	2.691	0.237	4.410	-0.226	4.412	-0.353	4.420	-0.513	4.430	-0.580
2.698	0.127	2.705	0.026	2.713	-0.046	2.721	-0.134	4.450	-0.563	4.458	-0.445	4.470	-0.365	4.478	-0.272
2.730	-0.067	2.736	0.123	2.743	0.325	2.750	0.418	4.493	-0.255	4.508	-0.268	4.529	-0.184	4.537	-0.289
2.756	0.683	2.765	0.873	2.771	0.941	2.776	0.978	4.544	-0.382	4.549	-0.500	4.552	-0.799	4.559	-0.854
2.813	1.021	2.820	0.376	2.823	0.258	2.831	0.144	4.564	-1.009	4.570	-1.115	4.584	-1.148	4.593	-0.980
2.840	0.039	2.855	0.030	2.866	0.026	2.878	-0.071	4.598	-0.853	4.603	-0.512	4.610	-0.289	4.617	-0.158
2.883	-0.168	2.891	-0.328	2.896	-0.534	2.899	-0.619	4.623	-0.015	4.638	0.015	4.651	0.002	4.665	-0.010
2.909	-0.716	2.914	-0.720	2.924	-0.581	2.931	-0.269	4.711	-0.406	4.717	-0.495	4.732	-0.562	4.742	-0.646
2.941	-0.042	2.949	0.156	2.959	0.380	2.964	0.447	4.749	-0.752	4.757	-0.849	4.762	-0.937	4.772	-1.000
2.971	0.481	2.978	0.498	2.989	0.354	2.998	0.266	4.775	-0.992	4.783	-0.768	4.790	-0.667	4.796	-0.292
3.003	0.186	3.006	0.068	3.009	-0.016	3.013	-0.118	4.801	-0.060	4.808	0.125	4.814	0.209	4.826	0.285
3.016	-0.223	3.023	-0.311	3.036	-0.375	3.043	-0.408	4.834	0.311	4.849	0.509	4.856	0.572	4.865	0.623
3.051	-0.467	3.058	-0.467	3.068	-0.202	3.073	0.093	4.877	0.505	4.887	0.366	4.892	0.104	4.897	-0.174
3.079	0.283	3.086	0.738	3.091	0.969	3.101	1.197	4.903	-0.401	4.908	-0.637	4.918	-0.747	4.926	-0.747

4.935	-0.502	4.938	-0.359	4.946	-0.191	4.958	0.163	6.682	-0.238	6.690	-0.462	6.700	-0.647	6.711	-0.761
4.961	0.265	4.968	0.362	4.972	0.429	4.976	0.475	6.721	-0.828	6.739	-0.929	6.751	-0.929	6.762	-0.786
4.981	0.353	4.991	0.155	4.994	0.041	4.999	-0.060	6.766	-0.701	6.775	-0.419	6.787	-0.195	6.798	-0.111
5.004	-0.153	5.007	-0.245	5.014	-0.313	5.015	-0.308	6.812	0.011	6.823	0.096	6.831	0.167	6.841	0.256
5.025	-0.140	5.028	0.071	5.033	0.370	5.038	0.492	6.849	0.349	6.859	0.399	6.867	0.391	6.872	0.294
5.043	0.665	5.048	0.821	5.055	0.888	5.065	0.947	6.879	0.168	6.890	0.024	6.897	-0.068	6.905	-0.140
5.073	0.838	5.081	0.699	5.086	0.572	5.093	0.505	6.910	-0.140	6.921	0.012	6.928	0.172	6.933	0.370
5.099	0.433	5.106	0.425	5.126	0.493	5.144	0.518	6.938	0.450	6.949	0.611	6.954	0.733	6.964	0.771
5.145	0.450	5.155	0.332	5.167	0.198	5.170	0.147	6.976	0.741	6.982	0.636	6.990	0.518	7.002	0.434
5.175	0.037	5.178	-0.030	5.185	-0.089	5.201	-0.089	7.010	0.371	7.026	0.312	7.028	0.333	7.038	0.409
5.204	-0.064	5.209	0.059	5.217	0.194	5.221	0.282	7.049	0.459	7.061	0.459	7.072	0.409	7.087	0.346
5.229	0.341	5.240	0.392	5.247	0.413	5.258	0.337	7.097	0.283	7.107	0.177	7.113	0.097	7.125	0.004
5.268	0.236	5.275	0.147	5.281	-0.034	5.285	-0.134	7.140	-0.004	7.151	0.118	7.159	0.262	7.171	0.346
5.289	-0.413	5.299	-0.590	5.303	-0.708	5.312	-0.712	7.179	0.388	7.181	0.384	7.187	0.300	7.199	0.198
5.325	-0.565	5.329	-0.354	5.335	-0.118	5.340	-0.021	7.205	0.110	7.215	0.026	7.220	0.026	7.232	0.110
5.347	0.030	5.360	0.042	5.366	-0.046	5.379	-0.134	7.245	0.131	7.248	0.072	7.256	-0.012	7.264	-0.113
5.389	-0.248	5.399	-0.294	5.404	-0.332	5.410	-0.353	7.273	-0.265	7.279	-0.361	7.292	-0.518	7.302	-0.551
5.424	-0.197	5.432	-0.104	5.437	-0.016	5.445	0.039	7.305	-0.522	7.315	-0.404	7.328	-0.328	7.338	-0.244
5.450	-0.026	5.460	-0.096	5.463	-0.155	5.473	-0.285	7.355	-0.126	7.361	-0.062	7.371	0.115	7.387	0.283
5.481	-0.374	5.487	-0.437	5.497	-0.479	5.504	-0.458	7.394	0.384	7.404	0.443	7.415	0.431	7.427	0.334
5.512	-0.373	5.522	-0.272	5.525	-0.213	5.531	-0.167	7.435	0.182	7.442	0.047	7.446	-0.104	7.451	-0.281
5.543	-0.154	5.545	-0.158	5.559	-0.204	5.563	-0.242	7.460	-0.454	7.469	-0.555	7.473	-0.560	7.481	-0.412
5.569	-0.318	5.577	-0.461	5.589	-0.562	5.595	-0.621	7.487	-0.294	7.492	-0.142	7.497	0.115	7.502	0.279
5.600	-0.613	5.607	-0.452	5.612	-0.233	5.616	-0.090	7.510	0.418	7.515	0.486	7.522	0.620	7.532	0.713
5.621	0.032	5.626	0.138	5.630	0.252	5.634	0.294	7.540	0.776	7.551	0.793	7.561	0.709	7.573	0.612
5.646	0.311	5.654	0.130	5.662	0.026	5.669	-0.136	7.584	0.536	7.599	0.410	7.619	0.376	7.632	0.342
5.674	-0.266	5.682	-0.338	5.692	-0.355	5.700	-0.245	7.650	0.287	7.660	0.186	7.668	0.127	7.676	0.022
5.711	-0.123	5.721	0.012	5.734	0.177	5.746	0.286	7.684	-0.117	7.704	-0.231	7.724	-0.307	7.740	-0.391
5.754	0.346	5.761	0.400	5.771	0.540	5.779	0.759	7.747	-0.564	7.757	-0.737	7.767	-0.880	7.782	-0.901
5.784	0.843	5.790	0.919	5.797	0.961	5.810	0.995	7.795	-0.796	7.803	-0.694	7.811	-0.534	7.820	-0.450
5.817	0.982	5.825	0.949	5.836	0.886	5.846	0.730	7.829	-0.349	7.847	-0.290	7.851	-0.235	7.862	-0.168
5.853	0.625	5.858	0.507	5.861	0.368	5.866	0.199	7.877	0.079	7.887	0.073	7.884	0.157	7.895	0.182
5.876	0.035	5.881	-0.117	5.894	-0.264	5.900	-0.247	7.897	0.182	7.910	0.136	7.920	0.107	7.933	0.073
5.909	-0.200	5.917	-0.112	5.927	-0.070	5.933	-0.103	7.943	0.065	7.956	0.065	7.970	0.048	7.976	0.002
5.941	-0.179	5.945	-0.251	5.956	-0.373	5.968	-0.507	7.983	-0.087	7.991	-0.171	7.998	-0.331	8.008	-0.428
5.976	-0.587	5.987	-0.663	5.999	-0.726	6.014	-0.751	8.019	-0.428	8.029	-0.377	8.039	-0.348	8.045	-0.322
6.022	-0.730	6.035	-0.633	6.043	-0.494	6.048	-0.338	8.062	-0.369	8.080	-0.419	8.093	-0.419	8.102	-0.335
6.055	-0.022	6.063	0.189	6.076	0.290	6.089	0.362	8.116	-0.267	8.128	-0.187	8.135	-0.086	8.144	0.003
6.094	0.379	6.101	0.388	6.114	0.308	6.124	0.186	8.154	0.112	8.166	0.180	8.172	0.264	8.182	0.340
6.137	0.097	6.145	0.106	6.153	0.148	6.168	0.182	8.187	0.420	8.196	0.513	8.200	0.547	8.210	0.555
6.171	0.161	6.179	0.077	6.186	-0.011	6.198	-0.058	8.220	0.442	8.230	0.340	8.237	0.269	8.243	0.235
6.203	-0.024	6.211	0.107	6.219	0.208	6.226	0.309	8.252	0.256	8.265	0.332	8.278	0.358	8.286	0.375
6.227	0.415	6.232	0.604	6.245	0.664	6.250	0.647	8.288	0.362	8.298	0.295	8.309	0.135	8.323	-0.068
6.255	0.584	6.263	0.474	6.272	0.323	6.273	0.247	8.333	-0.228	8.339	-0.278	8.351	-0.341	8.362	-0.303
6.283	0.108	6.291	0.087	6.308	0.256	6.319	0.336	8.371	-0.211	8.379	-0.118	8.390	-0.033	8.402	0.026
6.331	0.437	6.341	0.513	6.347	0.585	6.354	0.707	8.409	0.068	8.418	0.060	8.430	0.001	8.438	-0.045
6.357	0.825	6.366	0.918	6.375	0.956	6.380	0.986	8.455	-0.066	8.463	-0.028	8.478	0.057	8.488	0.103
6.395	0.834	6.399	0.695	6.405	0.607	6.415	0.547	8.503	0.146	8.516	0.137	8.529	0.121	8.536	0.167
6.418	0.354	6.425	0.215	6.443	0.118	6.456	0.047	8.549	0.214	8.570	0.256	8.572	0.244	8.582	0.155
6.471	-0.063	6.481	-0.151	6.489	-0.240	6.501	-0.269	8.594	-0.009	8.602	-0.198	8.615	-0.366	8.628	-0.396
6.507	-0.147	6.512	0.026	6.516	0.136	6.527	0.334	8.641	-0.400	8.653	-0.408	8.668	-0.462	8.670	-0.500
6.529	-0.464	6.535	0.523	6.550	0.566	6.552	0.549	8.681	-0.530	8.699	-0.525	8.699	-0.453	8.709	-0.424
6.563	0.448	6.573	0.283	6.581	0.165	6.586	0.018	8.719	-0.415	8.727	-0.423	8.739	-0.440	8.747	-0.444
6.593	-0.113	6.600	-0.239	6.604	-0.277	6.613	-0.264	8.755	-0.410	8.760	-0.359	8.772	-0.321	8.780	-0.287
6.621	-0.142	6.628	-0.010	6.641	0.128	6.654	0.196	8.788	-0.270	8.791	-0.249	8.801	-0.215	8.806	-0.194
6.662	0.179	6.669	0.111	6.675	-0.015	6.680	-0.120	8.813	-0.135	8.823	-0.084	8.826	-0.059	8.833	-0.034

8.841	-0.042	8.851	-0.084	8.859	-0.134	8.874	-0.201	11.296	0.217	11.305	0.200	11.317	0.188	11.325	0.196
8.885	-0.290	8.894	-0.361	8.912	-0.479	8.920	-0.542	11.339	0.234	11.345	0.243	11.360	0.252	11.375	0.256
8.932	-0.580	8.936	-0.575	8.950	-0.457	8.960	-0.330	11.391	0.273	11.400	0.282	11.406	0.273	11.418	0.240
8.966	-0.242	8.976	-0.136	8.989	-0.094	9.002	-0.085	11.428	0.156	11.433	0.105	11.439	0.063	11.448	0.009
9.022	-0.102	9.034	-0.098	9.048	-0.072	9.067	-0.017	11.459	-0.046	11.472	-0.046	11.481	-0.029	11.489	0.039
9.080	0.034	9.093	0.097	9.109	0.160	9.121	0.215	11.499	0.102	11.512	0.153	11.519	0.203	11.532	0.275
9.128	0.262	9.141	0.325	9.149	0.392	9.160	0.452	11.539	0.334	11.547	0.377	11.558	0.411	11.565	0.398
9.167	0.481	9.177	0.490	9.187	0.439	9.192	0.359	11.580	0.360	11.586	0.293	11.593	0.234	11.603	0.175
9.202	0.317	9.213	0.258	9.230	0.216	9.241	0.215	11.610	0.150	11.624	0.125	11.631	0.133	11.644	0.192
9.256	0.257	9.269	0.312	9.282	0.384	9.296	0.464	11.658	0.268	11.672	0.319	11.687	0.365	11.697	0.420
9.314	0.476	9.320	0.451	9.329	0.392	9.339	0.320	11.706	0.466	11.726	0.504	11.732	0.504	11.749	0.450
9.347	0.274	9.358	0.219	9.368	0.181	9.386	0.164	11.765	0.408	11.779	0.370	11.794	0.328	11.807	0.294
9.393	0.168	9.406	0.214	9.419	0.248	9.431	0.264	11.819	0.248	11.827	0.218	11.835	0.193	11.842	0.202
9.439	0.260	9.461	0.235	9.474	0.226	9.484	0.171	11.855	0.294	11.863	0.353	11.875	0.404	11.878	0.425
9.497	0.091	9.507	-0.006	9.513	-0.107	9.527	-0.234	11.890	0.446	11.897	0.442	11.910	0.392	11.922	0.328
9.535	-0.322	9.546	-0.386	9.556	-0.466	9.564	-0.550	11.932	0.282	11.943	0.240	11.963	0.215	11.976	0.181
9.584	-0.605	9.599	-0.597	9.611	-0.534	9.624	-0.471	11.986	0.135	11.993	0.118	12.008	0.084	12.015	0.097
9.635	-0.395	9.639	-0.332	9.650	-0.269	9.668	-0.252	12.025	0.110	12.030	0.135	12.038	0.169	12.044	0.186
9.677	-0.282	9.690	-0.320	9.703	-0.328	9.715	-0.324	12.054	0.220	12.061	0.228	12.069	0.241	12.083	0.211
9.724	-0.261	9.734	-0.206	9.748	-0.126	9.754	-0.097	12.096	0.173	12.104	0.110	12.111	0.060	12.118	-0.033
9.764	-0.042	9.776	0.000	9.787	0.013	9.802	0.000	12.128	-0.121	12.141	-0.168	12.147	-0.197	12.161	-0.201
9.812	-0.025	9.819	-0.076	9.827	0.177	9.832	-0.274	12.164	-0.193	12.179	-0.159	12.187	-0.138	12.196	-0.117
9.868	-0.893	9.873	-0.885	9.883	-0.792	9.893	-0.678	12.249	0.155	12.269	-0.028	12.274	-0.075	12.282	-0.117
9.903	-0.569	9.916	-0.501	9.923	-0.480	9.933	-0.446	12.335	-0.214	12.347	-0.176	12.361	-0.125	12.366	-0.096
9.949	-0.434	9.961	-0.446	9.979	-0.463	9.989	-0.488	12.375	-0.058	12.380	-0.037	12.388	-0.006	12.400	0.035
9.994	-0.539	10.007	-0.581	10.020	-0.598	10.022	-0.598	12.456	-0.209	12.468	-0.226	12.479	-0.255	12.494	-0.285
10.034	-0.450	10.045	-0.332	10.055	-0.218	10.072	-0.100	12.408	0.027	12.415	-0.007	12.428	-0.066	12.439	-0.146
10.078	-0.037	10.088	0.030	10.101	0.110	10.113	0.161	12.456	-0.209	12.468	-0.226	12.479	-0.255	12.494	-0.285
10.124	0.174	10.136	0.169	10.148	0.144	10.166	0.110	12.509	-0.302	12.512	-0.293	12.532	-0.230	12.541	-0.179
10.181	0.060	10.196	0.035	10.205	0.030	10.225	0.035	12.555	-0.129	12.572	-0.120	12.579	-0.146	12.592	-0.192
10.237	0.052	10.245	0.102	10.258	0.170	10.270	0.263	12.605	-0.230	12.618	-0.276	12.627	-0.314	12.635	-0.344
10.278	0.326	10.283	0.377	10.286	0.406	10.298	0.444	12.647	-0.382	12.653	-0.411	12.665	-0.428	12.680	-0.390
10.309	0.448	10.318	0.402	10.326	0.352	10.337	0.309	12.691	-0.348	12.696	-0.297	12.711	-0.234	12.720	-0.183
10.362	0.238	10.372	0.217	10.395	0.175	10.403	0.125	12.738	-0.150	12.753	-0.124	12.761	-0.116	12.781	-0.099
10.410	0.061	10.418	-0.031	10.428	-0.094	10.435	-0.162	12.792	-0.091	12.807	-0.053	12.824	0.028	12.834	0.082
10.438	-0.025	10.448	-0.292	10.456	-0.330	10.468	-0.339	12.845	0.133	12.855	0.146	12.863	0.137	12.870	0.112
10.486	-0.326	10.498	-0.317	10.514	-0.334	10.534	-0.363	12.880	0.036	12.890	-0.035	12.895	-0.120	12.905	-0.200
10.554	-0.359	10.567	-0.367	10.573	-0.384	10.583	-0.363	12.906	-0.225	12.910	-0.267	12.916	-0.288	12.933	-0.301
10.590	-0.325	10.603	-0.241	10.615	-0.156	10.623	-0.093	12.941	-0.275	12.949	-0.225	12.956	-0.191	12.963	-0.119
10.636	-0.025	10.653	-0.004	10.663	0.017	10.681	0.051	12.968	-0.086	12.978	-0.048	12.991	-0.031	13.001	-0.043
10.696	0.097	10.705	0.110	10.714	0.144	10.727	0.173	13.017	-0.056	13.026	-0.047	13.036	-0.022	13.049	0.041
10.738	0.190	10.747	0.232	10.758	0.258	10.761	0.254	13.059	0.126	13.069	0.189	13.079	0.218	13.092	0.214
10.773	0.220	10.780	0.203	10.794	0.178	10.801	0.178	13.098	0.181	13.112	0.122	13.125	0.033	13.133	-0.030
10.804	0.203	10.817	0.241	10.826	0.267	10.837	0.292	13.141	-0.085	13.151	-0.131	13.163	-0.156	13.170	-0.190
10.844	0.284	10.854	0.233	10.860	0.187	10.868	0.115	13.181	-0.232	13.189	-0.261	13.203	-0.261	13.218	-0.249
10.877	0.098	10.892	0.094	10.900	0.107	10.911	0.136	13.228	-0.266	13.238	-0.312	13.251	-0.350	13.262	-0.375
10.923	0.132	10.938	0.111	10.949	0.107	10.957	0.124	13.282	-0.278	13.282	-0.303	13.294	-0.350	13.304	-0.405
10.966	0.145	10.974	0.166	10.982	0.175	10.999	0.150	13.314	-0.063	13.322	-0.030	13.330	-0.034	13.337	-0.051
11.000	0.154	11.010	0.201	11.020	0.247	11.025	0.294	13.347	-0.080	13.357	-0.105	13.362	-0.126	13.374	-0.114
11.035	0.323	11.041	0.323	11.051	0.281	11.061	0.235	13.389	-0.063	13.399	-0.013	13.407	0.042	13.415	0.067
11.085	0.185	11.076	0.117	11.088	0.071	11.101	0.067	13.422	0.093	13.428	0.072	13.435	0.050	13.448	-0.000
11.119	0.080	11.113	0.089	11.142	0.076	11.153	0.072	13.455	-0.025	13.462	-0.084	13.470	-0.110	13.488	-0.110
11.163	0.093	11.178	0.135	11.188	0.148	11.201	0.186	13.495	-0.101	13.506	-0.068	13.516	-0.021	13.530	0.017
11.210	0.174	11.213	0.161	11.228	0.128	11.239	0.115	13.540	0.063	13.553	0.084	13.561	0.084	13.573	0.071
11.244	0.128	11.254	0.170	11.274	0.196	11.282	0.217	13.583	0.046	13.594	0.012	13.606	-0.021	13.608	-0.038

13.616	-0.059	13.626	-0.068	13.641	-0.055	13.652	-0.017	15.906	0.031	15.920	0.044	15.930	0.027	15.940	0.006
13.662	0.025	13.672	0.071	13.679	0.113	13.691	0.147	15.950	-0.032	15.953	-0.066	15.963	-0.100	15.971	-0.117
13.699	0.143	13.717	0.113	13.729	0.071	13.739	0.024	15.980	-0.151	15.988	-0.151	16.010	-0.142	16.035	-0.117
13.752	-0.047	13.761	-0.098	13.771	-0.165	13.779	-0.212	16.053	-0.108	16.069	-0.070	16.080	-0.032	16.094	-0.002
13.787	-0.233	13.797	-0.224	13.802	-0.216	13.822	-0.153	16.107	-0.007	16.120	-0.028	16.130	-0.057	16.134	-0.061
13.836	-0.132	13.842	-0.123	13.854	-0.115	13.867	-0.132	16.144	-0.074	16.157	-0.044	16.169	-0.023	16.181	-0.002
13.889	-0.157	13.889	-0.157	13.899	-0.216	13.909	-0.304	16.196	0.032	16.212	0.057	16.224	0.104	16.232	0.138
13.914	-0.372	13.921	-0.443	13.927	-0.481	13.939	-0.511	16.243	0.084	16.253	0.213	16.264	0.247	16.276	0.252
13.951	-0.511	13.959	-0.485	13.974	-0.418	13.987	-0.350	16.289	0.222	16.299	0.188	16.306	0.151	16.314	0.121
13.996	-0.308	14.006	-0.228	14.012	-0.173	14.022	-0.114	16.328	0.062	16.335	0.028	16.343	-0.009	16.383	-0.022
14.032	-0.038	14.042	0.033	14.049	0.080	14.061	0.109	16.400	-0.047	16.416	-0.047	16.432	-0.038	16.438	-0.030
14.067	0.105	14.074	0.080	14.084	0.046	14.094	0.021	16.452	0.021	16.463	0.054	16.475	0.071	16.492	0.084
14.109	0.004	14.114	0.021	14.129	0.059	14.146	0.097	16.502	0.076	16.518	0.080	16.530	0.101	16.542	0.113
14.162	0.088	14.177	0.050	14.189	0.029	14.201	0.013	16.544	0.101	16.550	0.058	16.557	0.016	16.565	-0.013
14.217	-0.013	14.234	-0.017	14.251	-0.013	14.269	0.013	16.582	-0.034	16.590	-0.022	16.599	0.012	16.609	0.041
14.281	0.021	14.293	0.030	14.303	0.042	14.319	0.097	16.615	0.066	16.622	0.066	16.630	0.062	16.644	0.070
14.329	0.139	14.341	0.173	14.344	0.190	14.353	0.198	16.654	0.100	16.664	0.138	16.674	0.176	16.684	0.197
14.361	0.194	14.369	0.177	14.388	0.156	14.389	0.148	16.697	0.201	16.711	0.167	16.718	0.137	16.726	0.129
14.403	0.131	14.409	0.135	14.421	0.169	14.434	0.237	16.733	0.137	16.746	0.162	16.759	0.171	16.763	0.171
14.441	0.266	14.453	0.275	14.461	0.270	14.473	0.249	16.769	0.154	16.783	0.137	16.796	0.141	16.798	0.145
14.476	0.241	14.486	0.216	14.496	0.182	14.506	0.161	16.810	0.187	16.820	0.250	16.835	0.284	16.845	0.271
14.515	0.157	14.526	0.174	14.541	0.182	14.561	0.174	16.848	0.250	16.858	0.191	16.867	0.119	16.872	0.069
14.581	0.157	14.593	0.165	14.601	0.182	14.611	0.211	16.878	0.018	16.890	-0.024	16.903	-0.046	16.912	-0.054
14.618	0.220	14.633	0.195	14.641	0.127	14.655	0.022	16.924	-0.050	16.939	-0.042	16.955	-0.017	16.964	0.000
14.668	-0.008	14.677	-0.033	14.687	-0.071	14.695	-0.088	16.974	0.013	16.982	0.017	16.992	-0.000	17.007	0.021
14.703	-0.084	14.715	-0.042	14.722	-0.013	14.733	0.064	17.019	-0.060	17.029	-0.085	17.037	-0.110	17.044	-0.127
14.742	0.114	14.752	0.139	14.762	0.139	14.769	0.106	17.053	-0.136	17.073	-0.123	17.084	-0.111	17.098	-0.094
14.779	0.064	14.784	0.047	14.794	-0.021	14.799	-0.080	17.115	-0.098	17.126	-0.111	17.145	-0.128	17.160	-0.124
14.807	-0.122	14.820	-0.118	14.830	-0.084	14.844	-0.029	17.171	-0.137	17.178	-0.145	17.193	-0.175	17.206	-0.209
14.854	0.000	14.862	0.034	14.867	0.051	14.877	0.072	17.211	-0.236	17.228	-0.255	17.238	-0.260	17.251	-0.205
14.887	0.059	14.897	0.042	14.902	0.000	14.909	-0.046	17.248	-0.146	17.253	-0.134	17.261	-0.113	17.278	-0.113
14.916	-0.101	14.926	-0.131	14.941	-0.135	14.954	-0.127	17.291	-0.130	17.313	-0.143	17.320	-0.147	17.335	-0.155
14.963	-0.106	14.969	-0.084	14.981	-0.063	14.989	-0.072	17.348	-0.160	17.355	-0.160	17.378	-0.152	17.393	-0.152
14.996	-0.097	15.008	-0.144	15.016	-0.194	15.023	-0.215	17.401	-0.169	17.413	-0.190	17.425	-0.173	17.431	-0.156
15.031	-0.215	15.045	-0.199	15.051	-0.182	15.061	-0.157	17.440	-0.105	17.451	-0.084	17.463	-0.063	17.470	-0.046
15.071	-0.127	15.083	-0.115	15.092	-0.128	15.108	-0.170	17.486	-0.050	17.493	-0.059	17.506	-0.063	17.521	-0.050
15.120	-0.191	15.127	-0.200	15.135	-0.208	15.152	-0.153	17.535	-0.025	17.545	-0.025	17.551	-0.042	17.565	-0.067
15.157	-0.128	15.170	-0.112	15.184	-0.091	15.197	-0.070	17.575	-0.122	17.588	-0.160	17.588	-0.185	17.598	-0.206
15.209	-0.049	15.215	-0.032	15.219	0.002	15.229	0.056	17.608	-0.218	17.618	-0.218	17.631	-0.172	17.641	-0.134
15.237	0.145	15.247	0.178	15.254	0.178	15.259	0.166	17.651	-0.092	17.659	-0.083	17.671	-0.071	17.681	-0.079
15.271	0.145	15.283	0.085	15.286	0.047	15.296	0.030	17.693	-0.104	17.701	-0.125	17.714	-0.146	17.724	-0.163
15.311	0.026	15.325	0.034	15.331	0.026	15.340	0.001	17.731	-0.159	17.744	-0.146	17.757	-0.108	17.764	-0.079
15.350	-0.029	15.360	-0.046	15.366	-0.050	15.380	-0.004	17.772	-0.036	17.784	-0.007	17.793	-0.011	17.800	-0.023
15.390	0.029	15.398	0.063	15.412	0.080	15.420	0.067	17.807	-0.040	17.822	-0.069	17.831	-0.082	17.833	-0.078
15.430	0.041	15.439	0.007	15.445	-0.010	15.450	-0.018	17.853	-0.035	17.866	-0.031	17.881	-0.031	17.896	0.001
15.465	-0.027	15.477	-0.006	15.486	0.032	15.492	0.087	17.904	0.020	17.916	0.041	17.924	0.041	17.929	0.025
15.501	0.171	15.507	0.200	15.517	0.221	15.524	0.250	17.939	-0.009	17.951	-0.051	17.959	-0.072	17.969	-0.085
15.531	0.276	15.539	0.296	15.547	0.309	15.573	0.292	17.979	-0.076	17.990	-0.046	18.002	-0.008	18.012	0.025
15.591	0.275	15.595	0.266	15.600	0.245	15.611	0.220	18.022	0.042	18.035	0.067	18.048	0.063	18.068	0.063
15.620	0.211	15.638	0.219	15.655	0.236	15.665	0.244	18.089	0.067	18.096	0.067	18.117	0.055	18.131	0.034
15.672	0.240	15.687	0.227	15.700	0.227	15.714	0.240	18.139	0.021	18.151	0.017	18.155	0.017	18.174	0.025
15.719	0.248	15.730	0.273	15.742	0.273	15.749	0.265	18.189	0.034	18.198	0.034	18.208	0.017	18.215	0.004
15.766	0.256	15.776	0.256	15.791	0.273	15.799	0.289	18.223	-0.004	18.241	-0.009	18.253	0.004	18.261	-0.016
15.814	0.298	15.823	0.268	15.831	0.226	15.839	0.184	18.273	0.020	18.281	0.008	18.296	-0.018	18.302	-0.009
15.843	0.167	15.846	0.137	15.854	0.104	15.859	0.078	18.314	-0.001	18.327	0.045	18.335	0.070	18.352	0.104
15.868	0.049	15.874	0.027	15.883	0.015	15.893	0.015	18.362	0.104	18.375	0.100	18.385	0.104	18.392	0.125

18.395	0.146	18.407	0.146	18.415	0.133	18.428	0.112	20.870	-0.064	20.887	-0.068	20.895	-0.064	20.912	-0.043
18.433	0.095	18.441	0.049	18.446	0.015	18.451	-0.011	20.917	-0.026	20.927	-0.000	20.933	0.021	20.953	0.029
18.459	-0.057	18.464	-0.086	18.478	-0.099	18.484	-0.086	20.961	0.021	20.973	0.021	20.990	0.029	21.001	0.046
18.494	-0.074	18.504	-0.053	18.519	-0.028	18.532	-0.023	21.021	0.075	21.036	0.067	21.044	0.054	21.061	0.025
18.544	-0.036	18.547	-0.053	18.553	-0.074	18.560	-0.083	21.074	0.004	21.088	-0.029	21.103	-0.029	21.109	-0.004
18.573	-0.104	18.585	-0.100	18.598	-0.087	18.611	-0.079	21.123	0.076	21.128	-0.097	21.142	0.136	21.156	0.161
18.623	-0.083	18.634	-0.091	18.644	-0.087	18.663	-0.079	21.166	0.153	21.172	0.123	21.181	0.102	21.199	0.094
18.666	-0.066	18.676	-0.054	18.684	-0.028	18.694	-0.020	21.211	0.115	21.216	0.119	21.226	0.107	21.247	0.078
18.704	-0.003	18.715	0.043	18.722	0.056	18.734	0.077	21.261	0.057	21.272	0.023	21.282	0.006	21.292	-0.015
18.744	0.090	18.760	0.089	18.778	0.056	18.788	0.035	21.306	-0.031	21.321	-0.061	21.327	-0.057	21.344	-0.044
18.802	0.010	18.818	-0.020	18.830	-0.028	18.841	-0.054	21.361	-0.023	21.372	0.015	21.382	0.028	21.391	0.028
18.861	-0.070	18.871	-0.066	18.880	-0.058	18.893	-0.037	21.407	0.023	21.427	0.015	21.442	0.019	21.446	0.032
18.901	-0.015	18.916	0.018	18.924	0.044	18.934	0.082	21.467	0.031	21.482	0.014	21.499	-0.007	21.507	-0.007
18.941	0.090	18.944	0.098	18.964	0.090	18.967	0.086	21.526	0.010	21.546	0.014	21.556	0.039	21.567	0.060
18.977	0.061	18.987	0.052	19.000	0.052	19.009	0.065	21.582	0.081	21.594	0.119	21.606	0.119	21.617	0.106
19.020	0.073	19.035	0.082	19.047	0.065	19.055	0.036	21.637	0.076	21.647	0.059	21.656	0.047	21.674	0.034
19.068	-0.006	19.080	-0.019	19.082	-0.040	19.087	-0.040	21.684	0.029	21.697	0.034	21.709	0.038	21.724	0.050
19.100	-0.032	19.108	-0.006	19.126	0.027	19.140	0.040	21.736	0.037	21.744	0.016	21.759	-0.013	21.767	-0.034
19.148	0.040	19.160	0.023	19.168	0.011	19.174	-0.002	21.779	-0.004	21.786	-0.043	21.797	-0.026	21.807	-0.014
19.181	-0.031	19.188	-0.040	19.194	-0.036	19.208	-0.019	21.827	0.003	21.842	0.024	21.854	0.041	21.872	0.070
19.223	0.019	19.229	0.040	19.239	0.057	19.247	0.041	21.882	0.070	21.894	0.061	21.902	0.049	21.919	0.032
19.269	0.015	19.285	0.011	19.299	0.015	19.305	0.020	21.924	0.015	21.927	0.006	21.939	-0.002	21.954	-0.007
19.322	0.011	19.335	0.007	19.348	0.003	19.367	0.016	21.976	0.002	21.989	0.018	22.006	0.044	22.016	0.069
19.387	0.024	19.405	0.045	19.418	0.057	19.425	0.062	22.026	0.094	22.032	0.107	22.046	0.102	22.061	0.090
19.440	-0.046	19.461	-0.015	19.476	-0.011	19.491	-0.015	22.076	0.060	22.087	0.035	22.096	0.018	22.106	0.013
19.494	-0.036	19.499	-0.053	19.508	-0.061	19.514	-0.061	22.107	0.018	22.127	0.030	22.139	0.055	22.147	0.068
19.524	-0.049	19.534	-0.020	19.541	-0.007	19.552	0.018	22.169	0.088	22.172	0.088	22.187	0.075	22.202	-0.046
19.564	0.014	19.572	-0.007	19.584	-0.045	19.597	-0.075	22.219	0.007	22.227	-0.018	22.241	-0.018	22.259	-0.014
19.605	-0.105	19.617	-0.109	19.640	-0.093	19.653	-0.081	22.274	-0.010	22.293	-0.002	22.308	-0.007	22.334	-0.011
19.658	-0.085	19.698	-0.094	19.710	-0.086	19.719	-0.074	22.354	0.005	22.456	-0.017	22.381	-0.016	22.396	-0.021
19.736	-0.036	19.746	-0.011	19.779	-0.007	19.759	0.009	22.429	-0.021	22.456	-0.017	22.474	-0.013	22.496	-0.022
19.771	0.017	19.782	0.013	19.795	0.008	19.810	0.012	22.515	-0.026	22.528	-0.043	22.538	-0.064	22.561	-0.065
19.827	0.024	19.847	0.007	19.858	-0.011	19.871	-0.024	22.575	-0.061	22.593	-0.031	22.608	0.028	22.621	0.040
19.889	-0.037	19.901	-0.046	19.911	-0.054	19.921	-0.046	22.636	0.048	22.655	0.044	22.670	0.035	22.680	0.006
19.932	-0.022	19.937	0.008	19.949	0.024	19.957	0.016	22.692	-0.028	22.702	-0.053	22.715	-0.092	22.725	-0.117
19.969	0.007	19.985	-0.023	19.990	-0.049	20.003	-0.070	22.747	-0.117	22.763	-0.104	22.773	-0.070	22.782	-0.041
20.015	-0.071	20.021	-0.067	20.026	-0.058	20.046	-0.046	22.800	-0.024	22.817	-0.011	22.834	-0.002	22.850	-0.010
20.059	-0.034	20.068	-0.026	20.082	-0.001	20.094	0.011	22.864	-0.040	22.875	-0.056	22.901	-0.077	22.912	-0.081
20.114	0.010	20.129	0.001	20.142	-0.012	20.155	-0.025	22.936	-0.097	22.949	-0.093	22.962	-0.080	22.986	-0.050
20.168	-0.037	20.168	-0.054	20.175	-0.071	20.182	-0.114	22.996	-0.025	23.018	-0.016	23.036	-0.020	23.051	-0.011
20.188	-0.126	20.195	-0.127	20.203	-0.123	20.208	-0.114	23.076	-0.006	23.103	-0.014	23.123	-0.006	23.141	0.007
20.216	-0.093	20.224	-0.085	20.239	-0.073	20.248	-0.086	23.151	-0.001	23.175	-0.021	23.176	-0.038	23.185	-0.068
20.258	-0.090	20.271	-0.070	20.284	-0.045	20.291	-0.011	23.198	-0.101	23.210	-0.118	23.216	-0.118	23.231	-0.126
20.301	0.018	20.307	0.022	20.320	0.039	20.327	0.030	23.245	-0.125	23.263	-0.100	23.281	-0.079	23.290	-0.045
20.337	0.026	20.345	0.030	20.353	0.034	20.368	0.054	23.301	-0.028	23.311	0.001	23.334	0.010	23.354	-0.007
20.385	0.058	20.388	0.041	20.403	0.007	20.413	-0.001	23.371	-0.028	23.384	-0.024	23.393	-0.020	23.411	-0.010
20.423	0.003	20.426	0.015	20.431	0.057	20.443	0.086	23.423	0.027	23.441	0.031	23.467	-0.007	23.481	-0.011
20.453	0.120	20.459	0.149	20.466	0.170	20.479	0.157	23.496	-0.002	23.511	-0.007	23.524	-0.019	23.547	-0.011
20.486	0.149	20.487	0.132	20.497	0.110	20.502	0.081	23.564	0.010	23.589	0.052	23.589	0.048	23.602	0.026
20.512	0.047	20.522	0.026	20.537	0.030	20.548	0.047	23.610	0.001	23.620	-0.033	23.629	-0.041	23.649	-0.050
20.550	0.055	20.557	0.072	20.563	0.084	20.578	0.110	23.662	-0.042	23.680	-0.042	23.697	-0.051	23.720	-0.068
20.601	0.105	20.608	0.089	20.636	0.072	20.648	0.042	23.735	-0.081	23.750	-0.093	23.764	-0.085	23.776	-0.077
20.667	0.025	20.671	0.004	20.682	-0.025	20.689	-0.038	23.792	-0.035	23.799	-0.009	23.811	0.028	23.825	0.058
20.709	-0.076	20.724	-0.063	20.747	-0.046	20.755	-0.059	23.845	0.066	23.860	0.066	23.873	0.049	23.888	0.015
20.764	-0.072	20.775	-0.059	20.784	-0.042	20.797	-0.013	23.895	-0.010	23.904	-0.019	23.926	-0.040	23.928	-0.036
20.812	-0.025	20.822	-0.038	20.840	-0.051	20.855	-0.059	23.941	-0.023	23.961	-0.006	23.970	0.027	23.990	0.031

23.995	0.014	24.005	-0.019	24.012	-0.045	24.027	-0.079	27.359	0.023	27.380	0.014	27.395	0.009	27.419	0.009
24.040	-0.100	24.051	-0.087	24.076	-0.079	24.091	-0.075	27.432	0.017	27.454	0.013	27.472	-0.000	27.486	-0.009
24.109	-0.041	24.124	-0.041	24.137	-0.062	24.152	-0.062	27.499	-0.022	27.512	-0.039	27.519	-0.051	27.532	-0.069
24.165	-0.054	24.181	-0.004	24.190	0.030	24.198	0.055	27.541	-0.069	27.574	-0.052	27.594	-0.040	27.612	-0.023
24.206	0.076	24.218	0.097	24.236	0.114	24.256	0.101	27.631	-0.007	27.654	0.001	27.677	-0.012	27.684	-0.025
24.269	0.076	24.280	0.046	24.288	0.042	24.315	0.050	27.699	-0.029	27.721	-0.025	27.731	-0.009	27.758	0.020
24.320	0.046	24.339	0.016	24.359	-0.026	24.372	-0.051	27.763	0.012	27.778	0.024	27.801	0.015	27.818	0.014
24.382	-0.068	24.389	-0.064	24.400	-0.052	24.413	-0.035	27.831	-0.007	27.846	-0.029	27.868	-0.050	27.878	-0.059
24.423	-0.005	24.436	0.020	24.446	0.028	24.459	0.032	27.888	-0.059	27.922	-0.052	27.940	-0.044	27.958	-0.036
24.481	0.019	24.497	-0.010	24.509	-0.048	24.515	-0.065	27.969	-0.016	27.987	0.005	28.005	0.013	28.024	0.013
24.520	-0.069	24.538	-0.078	24.556	-0.066	24.573	-0.024	28.037	0.017	28.049	0.025	28.076	0.058	28.092	0.058
24.583	0.023	24.584	0.035	24.596	0.061	24.604	0.065	28.116	0.066	28.139	0.066	28.156	0.062	28.173	0.041
24.622	0.042	24.639	0.031	24.657	0.014	24.665	-0.003	28.181	0.028	28.199	-0.001	28.213	-0.031	28.230	-0.035
24.675	-0.016	24.680	-0.016	24.696	-0.020	24.710	0.000	28.243	-0.026	28.256	0.003	28.278	0.041	28.293	0.058
24.734	0.026	24.741	0.038	24.751	0.059	24.769	0.088	28.301	0.057	28.333	0.028	28.357	-0.015	28.375	-0.028
24.776	0.063	24.791	0.051	24.804	0.021	24.816	-0.008	28.395	-0.019	28.420	-0.007	28.437	0.005	28.452	-0.003
24.827	-0.038	24.834	-0.034	24.850	-0.013	24.865	0.013	28.470	-0.025	28.480	-0.033	28.497	-0.055	28.504	-0.050
24.880	0.042	24.887	0.063	24.895	0.076	24.903	0.110	28.521	-0.025	28.534	-0.000	28.547	0.025	28.556	0.046
24.912	0.118	24.922	0.139	24.936	0.147	24.958	0.122	28.572	0.054	28.601	0.066	28.607	0.062	28.621	0.049
24.973	0.067	24.980	0.029	24.999	-0.013	25.009	-0.017	28.638	0.032	28.654	0.023	28.671	0.006	28.683	0.010
25.019	-0.009	25.042	0.034	25.049	0.051	25.072	0.043	28.704	0.018	28.730	0.022	28.750	0.021	28.765	0.038
25.089	0.030	25.104	0.009	25.115	-0.020	25.138	-0.012	28.788	0.063	28.810	0.083	28.825	0.087	28.862	0.061
25.153	0.022	25.167	0.064	25.177	0.086	25.200	0.082	28.883	0.048	28.888	0.044	28.903	0.031	28.912	0.018
25.212	0.069	25.240	0.031	25.245	0.019	25.275	0.002	28.922	-0.003	28.932	-0.033	28.955	-0.063	28.963	-0.072
25.301	0.011	25.325	0.015	25.348	0.011	25.361	-0.001	28.985	-0.059	29.009	-0.051	29.029	-0.052	29.045	-0.053
25.382	-0.035	25.415	-0.039	25.428	-0.022	25.438	0.014	29.074	-0.041	29.095	-0.030	29.110	-0.018	29.131	-0.015
25.458	0.020	25.480	0.029	25.507	0.020	25.525	0.029	29.154	-0.033	29.172	-0.050	29.189	-0.080	29.204	-0.093
25.540	0.037	25.566	0.046	25.592	0.025	25.598	0.008	29.222	-0.077	29.243	-0.078	29.266	-0.096	29.283	-0.109
25.608	-0.013	25.620	-0.038	25.632	-0.051	25.641	-0.047	29.298	-0.088	29.308	-0.059	29.323	-0.034	29.331	-0.026
25.665	-0.030	25.673	-0.013	25.700	0.025	25.712	0.033	29.350	-0.023	29.365	-0.023	29.386	-0.006	29.413	0.010
25.727	0.029	25.740	0.025	25.758	-0.004	25.766	-0.012	29.420	0.002	29.437	-0.019	29.450	-0.028	29.472	-0.049
25.785	-0.042	25.803	-0.058	25.822	-0.050	25.838	0.037	29.495	-0.057	29.512	-0.062	29.520	-0.057	29.540	-0.049
25.850	-0.020	25.863	0.031	25.875	0.052	25.883	0.060	29.570	-0.028	29.592	-0.016	29.620	-0.007	29.639	0.001
25.898	0.069	25.906	0.048	25.920	0.014	25.933	-0.023	29.657	0.009	29.674	0.026	29.697	0.026	29.724	0.022
25.941	-0.036	25.952	-0.040	25.975	-0.048	26.001	-0.031	29.737	0.013	29.751	-0.004	29.771	0.000	29.787	0.009
26.033	-0.014	26.053	-0.022	26.066	-0.031	26.088	-0.051	29.811	0.017	29.834	0.017	29.864	0.016	29.905	0.020
26.118	-0.055	26.123	-0.055	26.141	-0.051	26.155	-0.042	29.925	0.015	29.945	-0.002	29.965	0.006	29.980	0.010
26.168	-0.017	26.182	0.013	26.195	0.038	26.205	0.076	29.992	0.023	30.017	0.026	30.037	0.009	30.050	-0.012
26.215	0.102	26.231	0.136	26.241	0.132	26.255	0.119	30.070	-0.012	30.080	0.000	30.105	0.029	30.114	0.029
26.261	0.102	26.276	0.065	26.295	0.035	26.308	0.036	30.135	0.003	30.150	-0.018	30.167	-0.014	30.184	-0.006
26.313	0.044	26.331	0.040	26.355	0.015	26.365	0.002	30.200	0.006	30.215	0.019	30.237	0.035	30.262	0.056
26.381	-0.006	26.388	0.002	26.399	0.006	26.418	0.023	30.277	0.047	30.300	0.051	30.311	0.047	30.338	0.021
26.428	0.015	26.441	0.002	26.454	-0.010	26.473	-0.006	30.351	0.016	30.383	0.007	30.403	-0.002	30.411	-0.002
26.493	0.002	26.504	0.002	26.521	-0.002	26.539	-0.010	30.431	0.006	30.449	0.022	30.469	0.035	30.503	0.046
26.548	-0.019	26.558	-0.031	26.571	-0.040	26.577	-0.044	30.519	0.041	30.536	0.024	30.549	0.011	30.571	-0.028
26.592	-0.048	26.606	-0.040	26.626	-0.031	26.637	-0.023	30.579	-0.057	30.582	-0.070	30.589	-0.079	30.605	-0.066
26.654	-0.036	26.672	-0.048	26.691	-0.052	26.706	-0.048	30.635	-0.004	30.639	0.034	30.662	0.084	30.672	0.096
26.724	-0.031	26.739	-0.036	26.754	-0.040	26.771	-0.032	30.687	0.100	30.712	0.090	30.729	0.077	30.742	0.060
26.787	-0.019	26.804	-0.011	26.811	-0.007	26.842	0.001	30.752	0.039	30.764	-0.008	30.770	-0.059	30.782	-0.076
26.859	0.034	26.874	0.034	26.890	0.017	26.897	0.013	30.790	-0.093	30.799	-0.102	30.820	-0.073	30.827	-0.048
26.920	-0.021	26.960	-0.026	26.975	-0.022	26.999	-0.006	30.839	-0.010	30.845	0.007	30.869	0.006	30.880	-0.011
27.012	0.002	27.027	-0.002	27.045	-0.011	27.070	-0.015	30.885	-0.036	30.895	-0.062	30.904	-0.083	30.912	-0.113
27.087	-0.024	27.104	-0.012	27.119	0.001	27.127	0.022	30.929	-0.139	30.932	-0.143	30.944	-0.148	30.962	-0.102
27.144	0.043	27.175	0.051	27.200	0.042	27.227	0.050	30.977	-0.035	30.995	0.020	31.009	0.053	31.024	0.044
27.242	0.045	27.260	0.049	27.272	0.045	27.284	0.036	31.042	0.014	31.055	-0.007	31.070	0.001	31.084	0.031
27.292	0.028	27.310	0.015	27.320	0.015	27.340	0.023	31.102	0.064	31.115	0.051	31.125	0.030	31.134	-0.004

31.149	-0.034	31.157	-0.034	31.169	-0.026	31.184	0.041	34.297	-0.041	34.310	-0.036	34.330	-0.015	34.350	0.010
31.199	0.066	31.216	-0.108	31.242	0.120	31.251	0.116	34.366	0.031	34.390	0.060	34.411	0.077	34.428	0.060
31.266	0.091	31.286	-0.048	31.293	0.027	31.306	-0.007	34.436	0.056	34.451	0.051	34.465	0.059	34.481	0.076
31.313	-0.024	31.323	-0.041	31.338	-0.067	31.345	-0.075	34.511	0.063	34.521	0.054	34.543	0.033	34.558	0.033
31.357	-0.084	31.367	-0.076	31.384	-0.042	31.405	-0.013	34.574	0.028	34.588	0.007	34.594	-0.015	34.601	-0.002
31.422	-0.005	31.434	-0.005	31.447	-0.018	31.464	-0.023	34.613	-0.010	34.629	-0.015	34.654	-0.015	34.664	-0.011
31.479	-0.031	31.505	-0.036	31.515	-0.023	31.528	0.052	34.674	-0.007	34.699	0.005	34.722	0.009	34.735	0.013
31.547	0.090	31.558	-0.064	31.567	0.054	31.584	0.001	34.764	0.026	34.782	0.025	34.788	0.042	34.813	0.034
31.599	-0.025	31.612	-0.042	31.637	-0.050	31.654	-0.051	34.822	0.054	34.843	0.045	34.868	0.032	34.894	0.010
31.673	-0.097	31.678	-0.097	31.695	-0.131	31.710	-0.153	34.916	-0.003	34.933	0.047	34.947	0.055	34.961	0.055
31.716	-0.157	31.727	-0.157	31.737	-0.107	31.743	0.005	34.992	0.054	35.002	0.046	35.027	0.020	35.049	0.015
31.764	0.024	31.782	0.053	31.797	0.053	31.827	-0.019	35.065	0.032	35.085	0.048	35.100	0.048	35.125	0.047
31.848	-0.020	31.854	-0.007	31.864	0.039	31.878	0.090	35.138	0.080	35.160	0.047	35.184	0.025	35.193	0.021
31.888	0.106	31.905	0.089	31.922	0.055	31.937	0.005	35.211	0.033	35.221	0.049	35.231	0.066	35.237	0.082
31.954	-0.021	31.970	-0.038	31.991	-0.030	32.009	-0.030	35.252	0.086	35.269	0.103	35.289	0.073	35.313	0.055
32.028	-0.039	32.038	-0.047	32.051	-0.043	32.076	-0.023	35.338	0.050	35.358	0.054	35.383	0.061	35.398	0.074
32.102	-0.023	32.120	-0.032	32.137	-0.036	32.150	-0.015	35.406	0.069	35.418	0.056	35.436	0.022	35.449	-0.012
32.231	-0.033	32.251	-0.029	32.269	-0.025	32.298	-0.021	35.464	-0.042	35.482	-0.042	35.497	-0.034	35.504	-0.013
32.313	-0.038	32.334	-0.034	32.353	-0.030	32.366	-0.039	35.520	0.020	35.533	0.028	35.548	0.032	35.568	0.027
32.376	-0.051	32.383	-0.056	32.393	-0.064	32.406	-0.035	35.581	0.019	35.608	0.022	35.619	0.030	35.636	0.055
32.431	0.020	32.438	0.028	32.456	-0.019	32.461	-0.023	35.654	0.072	35.664	0.071	35.689	0.050	35.702	0.033
32.480	-0.023	32.493	-0.027	32.511	-0.044	32.527	-0.036	35.727	0.011	35.747	0.010	35.768	0.014	35.796	0.022
32.542	0.010	32.548	0.039	32.565	0.069	32.573	0.064	35.815	0.013	35.834	-0.013	35.846	-0.026	35.861	-0.034
32.582	0.048	32.598	0.018	32.607	-0.020	32.613	-0.037	35.874	-0.026	35.881	-0.018	35.907	-0.010	35.929	0.002
32.627	-0.033	32.638	0.005	32.652	0.030	32.660	0.043	35.952	-0.002	35.968	-0.015	35.981	-0.020	35.995	-0.016
32.670	0.042	32.680	0.038	32.694	0.021	32.712	0.013	36.013	-0.007	36.034	-0.004	36.053	0.000	36.079	-0.004
32.740	-0.005	32.752	-0.030	32.761	-0.043	32.775	-0.068	36.091	-0.021	36.107	-0.022	36.130	-0.018	36.153	-0.010
32.790	-0.088	32.800	-0.064	32.814	-0.056	32.821	-0.048	36.178	-0.006	36.198	-0.015	36.213	-0.023	36.231	-0.036
32.833	-0.031	32.846	-0.022	32.859	-0.006	32.866	0.003	36.246	-0.053	36.248	-0.057	36.264	-0.066	36.279	-0.028
32.892	0.011	32.882	0.019	32.894	0.040	32.901	0.044	36.299	0.013	36.324	0.034	36.345	0.046	36.377	0.058
32.912	0.057	32.929	0.044	32.934	0.036	32.945	0.014	36.402	0.062	36.415	0.045	36.456	0.015	36.464	0.006
32.959	-0.007	32.970	-0.007	32.985	0.010	32.997	0.018	36.501	-0.020	36.524	-0.029	36.540	-0.034	36.557	-0.030
33.012	0.031	33.023	0.039	33.043	0.051	33.063	0.051	36.577	-0.022	36.590	-0.001	36.605	0.020	36.628	0.036
33.070	0.047	33.080	0.030	33.093	0.013	33.103	0.000	36.653	0.040	36.668	0.035	36.688	0.013	36.703	-0.008
33.111	-0.008	33.124	-0.016	33.141	-0.021	33.169	-0.016	36.713	0.025	36.723	-0.025	36.738	-0.013	36.756	0.003
33.248	-0.046	33.270	-0.046	33.285	-0.038	33.301	-0.012	36.776	0.020	36.786	0.015	36.802	0.007	36.816	-0.006
33.309	0.000	33.329	0.004	33.346	0.004	33.362	0.030	36.827	-0.002	36.836	0.010	36.847	0.035	36.866	0.056
33.377	0.046	33.389	0.072	33.407	0.072	33.412	0.063	36.881	0.081	36.904	0.076	36.915	0.067	36.934	0.046
33.428	0.017	33.441	0.005	33.453	-0.008	33.471	-0.037	36.945	-0.002	36.960	0.028	36.979	0.011	36.994	-0.002
33.483	-0.050	33.499	-0.041	33.512	-0.028	33.522	0.002	37.010	-0.023	37.020	-0.028	37.039	-0.028	37.062	-0.025
33.532	0.027	33.540	0.036	33.560	0.044	33.585	0.044	37.080	-0.013	37.103	-0.022	37.117	-0.031	37.133	-0.036
33.588	0.028	33.598	0.015	33.605	-0.003	33.618	-0.022	37.162	-0.037	37.180	-0.020	37.193	-0.004	37.213	0.021
33.633	-0.031	33.644	-0.039	33.659	-0.056	33.672	-0.055	37.233	0.024	37.248	0.015	37.265	-0.002	37.287	-0.003
33.694	-0.055	33.712	-0.055	33.730	-0.042	33.757	-0.029	37.300	0.005	37.322	0.000	37.335	-0.008	37.353	-0.009
33.772	-0.008	33.787	-0.004	33.797	-0.008	33.812	-0.016	37.363	-0.001	37.382	0.012	37.393	0.007	37.407	-0.014
33.830	-0.020	33.847	-0.020	33.863	-0.020	33.873	-0.024	37.428	-0.040	37.447	-0.053	37.468	-0.053	37.490	-0.054
33.886	-0.036	33.890	-0.045	33.901	-0.053	33.911	-0.074	37.512	-0.046	37.525	-0.021	37.542	-0.004	37.572	0.020
33.925	-0.078	33.943	-0.082	33.956	-0.074	33.971	-0.052	37.589	0.028	37.612	0.040	37.630	0.027	37.647	0.010
33.986	-0.035	34.006	-0.014	34.024	-0.010	34.042	-0.018	37.669	-0.007	37.680	-0.024	37.692	-0.033	37.713	-0.050
34.066	-0.027	34.077	-0.035	34.097	-0.031	34.099	-0.031	37.727	-0.059	37.747	-0.076	37.758	-0.085	37.766	-0.089
34.117	0.019	34.129	0.053	34.135	0.066	34.144	0.074	37.781	-0.094	37.798	-0.090	37.823	-0.078	37.844	-0.062
34.149	0.078	34.162	0.044	34.175	0.015	34.184	-0.023	37.863	-0.058	37.886	-0.054	37.904	-0.050	37.925	-0.042
34.192	-0.053	34.197	-0.070	34.205	-0.086	34.212	-0.095	37.945	-0.038	37.964	-0.013	37.979	-0.005	38.002	-0.009
34.238	-0.108	34.250	-0.108	34.258	-0.095	34.275	-0.062	38.025	-0.026	38.043	-0.031	38.061	-0.027	38.066	-0.023
								38.085	-0.018	38.108	-0.006	38.131	-0.002	38.152	-0.011
								38.167	-0.020	38.186	-0.041	38.199	-0.050	38.222	-0.054

38.232	-0.050	38.249	-0.042	38.265	-0.017	38.285	-0.013	42.618	-0.002	42.638	0.023	42.665	0.031	42.685	-0.003
38.303	-0.026	38.305	-0.035	38.318	-0.048	38.335	-0.056	42.700	-0.008	42.707	-0.012	42.720	-0.012	42.735	-0.008
38.368	-0.057	38.369	-0.040	38.390	-0.019	38.408	-0.007	42.754	0.017	42.772	0.025	42.793	0.029	42.806	0.024
38.428	-0.008	38.453	-0.012	38.471	-0.009	38.491	-0.005	42.813	0.016	42.833	-0.010	42.846	-0.019	42.853	-0.027
38.511	0.007	38.529	0.023	38.549	0.027	38.557	0.018	42.862	-0.036	42.868	-0.036	42.887	-0.028	42.902	-0.020
38.585	0.001	38.615	0.004	38.628	0.008	38.648	0.016	42.914	-0.003	42.944	0.013	42.964	0.008	42.983	-0.009
38.673	0.015	38.695	0.023	38.719	0.022	38.734	0.001	42.991	-0.018	43.005	-0.031	43.018	-0.044	43.045	-0.040
38.752	-0.012	38.769	-0.021	38.784	-0.017	38.803	-0.004	43.059	-0.037	43.077	-0.025	43.091	-0.025	43.116	-0.017
38.821	0.021	38.835	0.037	38.855	0.054	38.878	0.053	43.136	-0.031	43.158	-0.031	43.182	-0.028	43.195	-0.032
38.909	0.049	38.924	0.048	38.946	0.061	38.966	0.069	43.224	-0.033	43.240	-0.030	43.272	-0.026	43.287	-0.027
38.978	0.060	38.996	0.039	39.010	0.017	39.025	0.009	43.309	-0.023	43.328	0.001	43.346	-0.003	43.368	0.004
39.045	0.013	39.065	0.021	39.080	0.020	39.092	0.016	43.395	-0.023	43.408	0.054	43.439	0.057	43.459	0.052
39.102	-0.001	39.114	-0.031	39.126	-0.044	39.132	-0.035	43.479	0.043	43.494	0.038	43.503	0.034	43.513	0.029
39.144	0.011	39.159	0.057	39.173	0.082	39.186	0.065	43.519	0.012	43.531	0.012	43.546	0.011	43.570	0.011
39.205	0.031	39.220	-0.020	39.235	-0.032	39.252	-0.023	43.581	0.015	43.607	0.014	43.622	0.009	43.637	0.017
39.274	0.002	39.282	0.011	39.299	0.032	39.319	0.024	43.649	0.016	43.660	0.008	43.676	0.003	43.689	-0.006
39.338	0.007	39.362	-0.018	39.390	-0.043	39.402	-0.060	43.701	-0.011	43.721	-0.020	43.738	-0.012	43.756	-0.004
39.417	-0.043	39.434	-0.022	39.458	0.008	39.476	0.025	43.788	0.007	43.810	0.003	43.831	0.010	43.846	0.010
39.492	-0.008	39.507	-0.017	39.525	-0.025	39.542	-0.030	43.857	0.018	43.875	0.026	43.897	0.034	43.919	0.034
39.552	-0.017	39.571	0.000	39.584	0.021	39.598	0.034	43.944	0.016	43.979	0.015	44.006	0.023	44.032	0.026
39.611	0.043	39.632	0.043	39.657	0.021	39.681	-0.000	44.058	0.030	44.096	0.038	44.113	0.037	44.145	0.036
39.699	-0.018	39.724	-0.014	39.753	-0.002	39.781	-0.003	44.175	0.027	44.218	0.026	44.254	0.021	44.267	0.018
39.798	-0.020	39.811	-0.029	39.833	-0.029	39.848	-0.025	44.285	-0.005	44.312	-0.002	44.324	-0.002	44.352	0.014
39.878	-0.013	39.907	-0.014	39.924	-0.015	39.945	-0.007	44.379	0.013	44.415	0.003	44.448	-0.023	44.472	-0.036
39.949	0.001	39.975	0.026	40.000	0.034	40.026	0.029	44.497	-0.034	44.527	-0.051	44.547	-0.030	44.562	-0.018
40.044	0.037	40.054	0.041	40.063	0.049	40.086	0.036	44.582	0.006	44.602	0.018	44.629	0.022	44.653	0.033
40.115	0.005	40.146	-0.017	40.160	-0.030	40.173	-0.026	44.669	0.037	44.691	0.036	44.721	0.018	44.736	0.009
40.190	-0.026	40.210	-0.010	40.235	-0.006	40.260	-0.007	44.755	0.000	44.780	0.008	44.807	0.024	44.825	0.011
40.273	-0.007	40.287	0.004	40.315	-0.000	40.330	0.008	44.833	0.002	44.843	-0.007	44.862	-0.029	44.880	-0.038
40.340	0.012	40.353	0.020	40.377	0.028	40.397	0.015	44.909	-0.039	44.929	-0.015	44.954	-0.003	44.967	-0.012
40.420	-0.011	40.433	-0.020	40.450	-0.033	40.467	-0.046	44.984	-0.021	44.997	-0.043	45.007	-0.060	45.024	-0.069
40.480	-0.059	40.497	-0.055	40.523	-0.039	40.560	-0.010	45.036	-0.070	45.051	-0.066	45.076	-0.050	45.102	-0.022
40.583	0.002	40.609	0.001	40.634	0.026	40.655	0.051	45.128	-0.018	45.156	-0.007	45.183	0.009	45.214	0.008
40.677	0.059	40.704	0.066	40.715	0.062	40.735	0.049	45.234	-0.002	45.261	0.002	45.281	0.005	45.309	0.013
40.764	0.027	40.789	0.022	40.829	0.017	40.847	0.008	45.327	-0.009	45.349	-0.030	45.369	-0.039	45.394	-0.061
40.880	-0.014	40.895	-0.023	40.920	-0.019	40.954	-0.011	45.409	-0.057	45.427	-0.041	45.444	-0.025	45.465	-0.008
40.967	-0.020	40.984	-0.033	41.002	-0.029	41.025	-0.008	45.484	-0.009	45.510	-0.018	45.539	-0.019	45.550	-0.015
41.047	-0.000	41.062	-0.000	41.082	0.004	41.102	-0.005	45.582	-0.016	45.597	-0.029	45.610	-0.038	45.628	-0.051
41.134	-0.006	41.154	-0.002	41.177	0.011	41.195	0.028	45.647	-0.038	45.668	-0.022	45.683	-0.010	45.716	-0.010
41.224	0.023	41.248	-0.006	41.273	0.002	41.297	0.002	45.748	-0.007	45.778	0.001	45.793	0.000	45.813	-0.008
41.315	-0.011	41.337	-0.007	41.347	-0.011	41.358	-0.011	45.828	-0.017	45.847	-0.022	45.862	-0.022	45.886	-0.010
41.388	-0.032	41.408	-0.045	41.420	-0.049	41.435	-0.053	45.916	0.010	45.945	0.014	45.974	0.013	46.000	0.030
41.456	-0.036	41.480	-0.024	41.503	-0.024	41.530	-0.037	46.025	0.042	46.060	0.029	46.081	0.011	46.111	0.002
41.550	-0.041	41.568	-0.041	41.575	-0.037	41.586	-0.024	46.131	0.010	46.151	0.027	46.174	0.035	46.199	0.026
41.615	0.005	41.639	0.018	41.648	0.005	41.661	-0.016	46.221	0.013	46.237	0.005	46.266	0.008	46.292	0.016
41.676	-0.037	41.693	-0.045	41.723	-0.037	41.746	-0.029	46.319	0.008	46.352	0.007	46.378	0.011	46.406	0.002
41.761	-0.020	41.781	-0.003	41.802	0.014	41.829	0.001	46.445	0.006	46.466	0.006	46.491	-0.007	46.519	-0.007
41.854	-0.012	41.882	-0.008	41.899	-0.016	41.913	-0.037	46.536	-0.003	46.575	-0.007	46.584	-0.003	46.619	-0.003
41.933	-0.029	41.948	-0.020	41.965	-0.025	41.986	-0.042	46.638	-0.016	46.663	-0.012	46.685	0.009	46.696	0.022
42.003	-0.046	42.040	-0.029	42.058	-0.025	42.081	-0.004	46.723	0.026	46.743	0.014	46.756	0.005	46.781	-0.012
42.106	0.004	42.128	-0.000	42.146	-0.013	42.167	-0.021	46.820	-0.021	46.844	-0.008	46.873	-0.012	46.883	-0.016
42.186	-0.021	42.206	-0.013	42.211	-0.009	42.231	-0.005	46.918	-0.021	46.943	-0.013	46.963	0.013	46.986	0.033
42.254	0.008	42.274	0.012	42.304	0.016	42.319	0.012	47.012	0.033	47.032	0.033	47.064	0.033	47.088	0.033
42.344	-0.001	42.369	-0.001	42.393	0.003	42.419	0.016	47.112	0.024	47.133	0.015	47.153	0.019	47.188	0.018
42.441	0.032	42.458	0.032	42.483	0.028	42.510	0.032	47.214	0.005	47.244	-0.000	47.274	0.008	47.299	0.024
42.528	0.011	42.561	-0.006	42.586	-0.006	42.608	-0.002	47.321	0.023	47.341	0.010	47.359	0.001	47.384	-0.016

47.412	-0.017	47.449	-0.006	47.472	-0.002	47.497	-0.020	53.018	0.006	53.045	0.001	53.070	-0.007	53.093	-0.025
47.517	-0.033	47.527	-0.013	47.550	-0.005	47.560	0.010	53.119	-0.038	53.151	-0.034	53.174	-0.025	53.184	-0.030
47.595	0.010	47.606	0.006	47.626	-0.003	47.648	0.000	53.207	-0.038	53.235	-0.038	53.251	-0.034	53.293	-0.030
47.678	0.003	47.706	0.011	47.738	0.010	47.766	0.009	53.332	-0.021	53.365	-0.021	53.397	-0.021	53.416	-0.026
47.784	0.004	47.809	-0.001	47.834	-0.002	47.846	-0.002	53.445	-0.038	53.471	-0.046	53.507	-0.042	53.544	-0.037
47.876	0.005	47.913	0.004	47.943	-0.014	47.979	-0.015	53.577	-0.024	53.623	-0.027	53.649	-0.040	53.681	-0.048
48.006	-0.016	48.036	-0.013	48.061	-0.014	48.083	-0.010	53.714	-0.039	53.765	-0.037	53.828	-0.033	53.881	-0.040
48.108	0.006	48.124	0.014	48.151	0.026	48.178	0.029	53.871	-0.020	53.888	-0.028	53.901	-0.036	53.931	-0.040
48.208	0.032	48.236	0.019	48.256	0.002	48.279	0.005	53.957	-0.036	54.005	-0.035	54.037	-0.036	54.066	-0.032
48.309	0.025	48.329	0.042	48.352	0.041	48.378	0.015	54.098	-0.024	54.126	-0.024	54.166	-0.016	54.197	-0.016
48.385	-0.002	48.401	-0.019	48.425	-0.036	48.448	-0.028	54.224	-0.013	54.249	-0.017	54.260	-0.013	54.298	-0.001
48.458	-0.012	48.488	0.005	48.501	0.004	48.534	-0.005	54.315	-0.009	54.323	-0.009	54.343	-0.010	54.363	-0.001
48.557	0.003	48.564	0.003	48.594	-0.006	48.615	0.002	54.375	0.003	54.401	0.023	54.423	0.032	54.456	0.031
48.642	0.010	48.660	0.006	48.682	-0.007	48.701	-0.025	54.479	0.006	54.500	0.014	54.519	0.031	54.544	0.026
48.723	-0.033	48.749	-0.023	48.767	-0.013	48.789	-0.001	54.570	0.026	54.593	0.021	54.608	0.004	54.628	-0.004
48.807	-0.010	48.836	-0.023	48.858	-0.023	48.881	-0.019	54.643	0.004	54.661	0.016	54.673	-0.014	54.714	0.003
48.904	-0.011	48.932	-0.003	48.957	-0.012	48.985	-0.008	54.733	0.003	54.763	-0.006	54.779	-0.014	54.796	-0.036
49.003	-0.013	49.024	-0.014	49.044	-0.006	49.066	0.011	54.833	-0.028	54.854	-0.015	54.909	-0.007	54.934	-0.016
49.097	0.006	49.117	0.009	49.150	0.013	49.158	-0.004	54.957	-0.024	54.996	-0.003	55.007	-0.012	55.034	-0.042
49.181	-0.026	49.216	-0.014	49.227	-0.010	49.247	0.002	55.059	-0.042	55.085	-0.017	55.112	-0.017	55.132	-0.042
49.274	-0.003	49.288	-0.001	49.315	-0.025	49.326	-0.021	55.147	-0.047	55.160	-0.030	55.180	-0.005	55.192	0.025
49.341	-0.013	49.348	-0.001	49.368	0.024	49.383	0.036	55.204	0.020	55.220	-0.001	55.240	-0.030	55.254	-0.047
49.414	0.040	49.432	0.027	49.445	0.009	49.475	-0.025	55.265	-0.022	55.287	-0.006	55.305	0.007	55.319	-0.006
49.515	-0.018	49.539	-0.018	49.566	-0.015	49.592	-0.020	55.330	-0.019	55.345	-0.006	55.370	0.015	55.402	-0.002
49.627	-0.046	49.658	-0.029	49.678	-0.021	49.705	0.002	55.435	0.019	55.457	0.014	55.480	0.005	55.499	-0.007
49.731	0.020	49.751	0.011	49.776	-0.006	49.797	0.002	55.519	-0.029	55.535	-0.033	55.535	-0.024	55.569	0.013
49.832	0.014	49.870	0.014	49.877	0.009	49.922	0.021	55.600	0.005	55.625	-0.017	55.649	0.021	55.672	0.004
49.948	0.021	49.978	0.008	49.990	-0.001	50.023	-0.005	55.694	0.012	55.707	0.017	55.722	0.004	55.727	-0.004
50.034	0.008	50.068	0.007	50.097	-0.001	50.121	0.007	55.745	-0.000	55.773	0.004	55.800	0.004	55.825	0.024
50.149	0.007	50.169	-0.001	50.194	-0.006	50.207	-0.002	55.838	0.012	55.858	0.008	55.880	0.011	55.895	0.015
50.224	0.019	50.247	0.015	50.289	0.023	50.327	0.002	55.925	0.015	55.940	0.028	55.960	0.036	55.986	0.031
50.344	-0.017	50.367	-0.006	50.377	0.002	50.414	0.002	56.013	0.044	56.033	0.039	56.046	0.010	56.069	0.026
50.415	0.002	50.444	-0.011	50.460	-0.011	50.474	-0.003	56.091	0.047	56.101	0.068	56.121	0.076	56.141	0.059
50.494	0.010	50.509	0.001	50.530	0.001	50.547	0.005	56.161	0.029	56.196	0.024	56.212	0.024	56.235	0.027
50.564	-0.003	50.602	-0.003	50.620	-0.016	50.637	-0.025	56.252	0.044	56.276	0.047	56.291	0.026	56.306	-0.004
50.649	-0.046	50.674	-0.071	50.692	-0.046	50.717	-0.013	56.324	-0.026	56.341	-0.009	56.362	0.019	56.397	0.018
50.737	-0.004	50.767	-0.005	50.789	-0.013	50.827	-0.018	56.428	0.022	56.455	0.017	56.481	0.003	56.496	-0.018
50.844	-0.009	50.862	0.007	50.884	0.003	50.912	-0.006	56.514	-0.036	56.532	-0.028	56.552	-0.012	56.580	0.021
50.934	0.007	50.959	0.011	50.981	0.006	51.004	0.010	56.603	0.016	56.628	0.011	56.643	-0.011	56.656	-0.024
51.031	0.006	51.061	0.010	51.081	0.014	51.111	0.013	56.673	-0.016	56.691	0.000	56.714	0.012	56.729	0.003
51.136	0.013	51.163	0.003	51.191	0.007	51.228	0.010	56.759	-0.002	56.775	0.010	56.798	0.018	56.835	-0.009
51.245	0.005	51.273	-0.008	51.296	-0.005	51.328	0.007	56.859	-0.001	56.884	0.003	56.912	0.023	56.940	0.034
51.355	0.023	51.385	0.026	51.415	0.029	51.425	0.024	56.990	0.008	56.990	0.008	57.064	-0.002	57.097	0.001
51.463	0.022	51.485	0.030	51.508	0.041	51.528	0.053	57.122	-0.012	57.150	0.004	57.176	0.016	57.201	0.003
51.558	0.048	51.592	0.034	51.625	0.041	51.641	0.031	57.225	-0.015	57.250	-0.003	57.275	-0.016	57.312	-0.033
51.655	0.027	51.692	0.029	51.722	0.037	51.752	0.036	57.345	-0.020	57.382	0.005	57.409	0.008	57.441	0.017
51.765	0.027	51.790	0.005	51.808	0.004	51.832	0.012	57.476	0.008	57.498	-0.005	57.536	-0.001	57.563	0.007
51.855	0.023	51.890	0.026	51.912	0.021	51.942	0.025	57.602	0.024	57.640	0.015	57.671	0.001	57.692	0.006
51.970	0.036	52.005	0.056	52.035	0.042	52.068	0.045	57.742	0.018	57.787	0.005	57.819	-0.024	57.853	-0.041
52.095	0.036	52.117	0.022	52.149	0.000	52.167	-0.000	57.875	-0.029	57.904	-0.012	57.953	-0.033	57.992	-0.024
52.200	0.007	52.229	0.031	52.277	0.034	52.332	0.049	58.039	-0.020	58.086	-0.029	58.142	-0.029	58.191	-0.009
52.363	0.048	52.397	0.034	52.415	0.021	52.453	0.007	58.258	-0.010	58.298	-0.006	58.316	-0.019	58.331	-0.033
52.492	0.010	52.515	0.010	52.545	0.000	52.580	-0.001	58.398	-0.018	58.414	-0.010	58.486	-0.020	58.526	-0.022
52.615	-0.006	52.632	-0.011	52.670	-0.016	52.701	-0.004	58.559	-0.031	58.628	-0.038	58.646	-0.038	58.686	-0.039
52.743	-0.006	52.787	-0.020	52.822	-0.016	52.855	-0.012	58.734	-0.024	58.779	-0.033	58.830	-0.039	58.890	-0.015
52.886	-0.013	52.929	-0.026	52.961	-0.035	52.989	-0.010	58.937	0.004	58.973	-0.013	59.013	-0.010	59.073	-0.016

IE083

71.096 2/9/71 0600PST L.A. 3407 6TH ST. BASEMENT DOWN

3486 POINTS 62.578 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0839 G/10.

59.103 0.004 59.133 -0.005 59.169 -0.031 59.206 -0.024
59.258 -0.021 59.278 -0.017 59.318 -0.018 59.370 -0.011
59.403 0.005 59.453 0.024 59.480 0.023 59.520 0.017
59.546 -0.001 59.577 0.002 59.626 0.017 59.669 0.011
59.688 0.002 59.724 0.013 59.764 0.003 59.816 0.009
59.857 0.020 59.899 0.019 59.924 0.022 59.991 0.024
60.027 0.023 60.067 0.026 60.099 0.012 60.147 0.007
60.213 0.004 60.253 -0.010 60.289 -0.008 60.319 -0.017
60.360 -0.023 60.403 -0.045 60.438 -0.047 60.514 -0.015
60.555 -0.025 60.623 -0.023 60.656 -0.015 60.701 -0.021
60.732 -0.017 60.765 -0.010 60.825 -0.001 60.858 -0.012
60.898 -0.004 60.928 0.003 60.971 0.011 60.987 -0.002
61.011 -0.015 61.044 -0.012 61.067 -0.008 61.087 0.001
61.120 -0.008 61.143 -0.017 61.153 -0.026 61.177 -0.013
61.196 0.016 61.216 0.028 61.236 0.024 61.257 0.007
61.290 -0.010 61.341 -0.011 61.374 -0.007 61.414 -0.011
61.444 -0.015 61.473 -0.011 61.520 -0.003 61.572 -0.012
61.607 -0.016 61.645 -0.008 61.679 -0.013 61.693 -0.017
61.751 -0.015 61.778 -0.028 61.817 -0.004 61.841 -0.000
61.874 -0.014 61.897 -0.019 61.925 -0.024 61.949 -0.025
61.979 -0.021 62.021 -0.023 62.047 -0.011 62.074 -0.008
62.110 -0.004 62.165 -0.014 62.191 -0.010 62.242 0.011
62.280 0.007 62.313 0.007 62.339 0.003 62.366 0.007
62.377 0.003 62.394 0.003 62.425 0.004 62.453 -0.000
62.471 0.004 62.497 0.009 62.532 0.005 62.547 -0.012
62.548 -0.016 62.565 -0.029 62.573 -0.016

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.364	0.008	0.473	0.016	0.402	0.019	0.052
0.024	-0.100	0.025	-0.176	0.027	-0.235	0.030	-0.243
0.035	-0.230	0.038	-0.205	0.043	-0.112	0.047	-0.007
0.052	0.111	0.055	0.225	0.058	0.292	0.063	0.317
0.069	0.288	0.071	0.204	0.076	0.065	0.079	-0.020
0.080	-0.066	0.082	-0.104	0.084	-0.138	0.087	-0.163
0.093	-0.150	0.095	-0.117	0.096	-0.074	0.099	-0.028
0.101	0.006	0.103	0.031	0.106	0.044	0.109	0.056
0.114	0.056	0.115	0.022	0.117	-0.011	0.118	-0.045
0.122	-0.074	0.126	-0.087	0.128	-0.096	0.133	-0.074
0.134	-0.041	0.139	-0.003	0.144	0.069	0.147	0.107
0.152	0.073	0.155	0.006	0.159	-0.066	0.163	-0.138
0.164	-0.197	0.169	-0.281	0.170	-0.357	0.175	-0.399
0.177	-0.433	0.178	-0.437	0.182	-0.450	0.185	-0.437
0.188	-0.382	0.191	-0.306	0.194	-0.247	0.196	-0.176
0.198	-0.117	0.199	-0.041	0.201	0.014	0.203	0.048
0.204	0.069	0.209	0.081	0.211	0.081	0.215	0.065
0.220	0.018	0.222	-0.032	0.225	-0.087	0.227	-0.121
0.228	-0.171	0.232	-0.180	0.236	-0.167	0.241	-0.133
0.244	-0.037	0.246	0.022	0.249	0.081	0.253	0.157
0.254	0.258	0.259	0.313	0.261	0.343	0.267	0.360
0.272	0.305	0.278	0.199	0.282	0.077	0.286	-0.003
0.291	-0.100	0.295	-0.155	0.303	-0.142	0.307	-0.070
0.311	-0.003	0.314	0.044	0.320	0.090	0.325	0.056
0.327	0.018	0.332	-0.020	0.333	-0.032	0.336	-0.045
0.340	-0.045	0.345	-0.003	0.349	0.027	0.351	0.048
0.357	0.073	0.362	0.056	0.364	0.039	0.372	0.065
0.375	0.086	0.380	0.111	0.383	0.132	0.391	0.124
0.395	0.060	0.396	0.010	0.399	-0.032	0.403	-0.079
0.404	-0.129	0.406	-0.159	0.409	-0.176	0.414	-0.176
0.417	-0.146	0.422	-0.112	0.425	-0.104	0.430	-0.100
0.433	-0.117	0.435	-0.129	0.441	-0.121	0.443	-0.091
0.446	-0.053	0.448	-0.015	0.449	0.022	0.453	0.077
0.454	0.128	0.456	0.166	0.459	0.199	0.462	0.229
0.466	0.250	0.470	0.237	0.474	0.195	0.475	0.157
0.479	0.115	0.480	0.077	0.482	0.056	0.485	0.048
0.491	0.044	0.495	0.073	0.498	0.090	0.503	0.119
0.506	0.145	0.511	0.157	0.514	0.174	0.519	0.157
0.521	0.103	0.525	0.065	0.527	0.048	0.533	0.035
0.538	0.031	0.543	0.052	0.546	0.069	0.551	0.081

0.556	0.094	0.561	0.098	0.566	0.081	0.569	0.052	1.463	-0.036	1.471	0.044	1.478	0.091	1.483	0.150
0.571	0.027	0.572	-0.011	0.575	-0.045	0.577	-0.079	1.488	0.205	1.491	0.226	1.498	0.247	1.504	0.213
0.580	-0.112	0.582	-0.138	0.583	-0.176	0.588	-0.180	1.509	0.142	1.514	0.049	1.521	0.073	1.522	-0.178
0.593	-0.155	0.596	-0.125	0.601	-0.083	0.603	-0.045	1.527	-0.204	1.534	-0.246	1.541	-0.199	1.544	-0.136
0.604	-0.020	0.608	0.022	0.611	0.044	0.614	0.018	1.549	-0.077	1.552	0.026	1.555	0.024	1.560	0.062
0.616	-0.015	0.617	-0.070	0.621	-0.112	0.622	-0.159	1.567	0.075	1.573	0.083	1.582	0.071	1.585	0.041
0.624	-0.192	0.625	-0.226	0.627	-0.243	0.630	-0.251	1.588	-0.018	1.595	-0.051	1.601	-0.064	1.606	-0.072
0.635	-0.235	0.637	-0.188	0.640	-0.142	0.642	-0.100	1.613	-0.021	1.616	0.029	1.619	0.054	1.624	0.071
0.645	-0.062	0.648	-0.007	0.650	0.022	0.653	0.048	1.633	0.084	1.644	0.063	1.649	0.051	1.654	0.030
0.658	0.065	0.663	0.073	0.669	0.065	0.674	0.031	1.657	0.009	1.662	0.017	1.667	0.059	1.672	0.135
0.680	-0.020	0.685	-0.070	0.689	-0.121	0.693	-0.171	1.679	0.211	1.680	0.270	1.687	0.304	1.692	0.062
0.695	-0.197	0.698	-0.251	0.705	-0.256	0.707	-0.230	1.695	0.194	1.700	0.098	1.704	-0.004	1.708	-0.058
0.710	-0.218	0.715	-0.226	0.725	-0.222	0.728	-0.192	1.712	-0.113	1.715	-0.134	1.723	-0.092	1.732	-0.058
0.733	-0.142	0.735	-0.078	0.738	-0.028	0.743	0.027	1.740	-0.016	1.747	0.119	1.760	0.170	1.765	0.229
0.748	0.074	0.751	0.099	0.758	0.124	0.761	0.149	1.771	0.259	1.778	0.259	1.781	0.313	1.788	0.339
0.766	0.166	0.771	0.175	0.774	0.171	0.777	0.145	1.795	0.347	1.803	0.229	1.808	0.162	1.814	0.145
0.781	0.116	0.784	0.065	0.789	0.002	0.792	-0.040	1.818	0.053	1.824	-0.006	1.828	-0.065	1.833	-0.120
0.795	-0.074	0.799	-0.095	0.800	-0.107	0.805	-0.069	1.838	-0.154	1.841	-0.217	1.851	-0.250	1.856	-0.259
0.810	-0.002	0.812	0.108	0.814	0.192	0.817	0.268	1.859	-0.225	1.862	-0.179	1.872	-0.111	1.874	-0.073
0.820	0.344	0.825	0.399	0.830	0.428	0.833	0.449	1.877	-0.065	1.881	-0.014	1.892	0.016	1.902	0.054
0.838	0.411	0.843	0.357	0.846	0.256	0.850	0.222	1.907	0.117	1.912	0.168	1.917	0.206	1.924	0.206
0.856	0.167	0.858	0.117	0.861	0.091	0.866	0.070	1.930	0.168	1.934	0.105	1.937	0.054	1.940	0.008
0.871	0.091	0.876	0.108	0.881	0.121	0.886	0.100	1.945	-0.009	1.954	0.025	1.963	0.080	1.967	0.126
0.889	0.087	0.893	0.070	0.897	0.087	0.902	0.125	1.975	0.143	1.983	0.080	1.990	0.050	2.000	-0.004
0.904	0.189	0.907	0.248	0.911	0.315	0.912	0.366	2.005	-0.059	2.008	-0.118	2.013	-0.194	2.018	-0.257
0.916	0.420	0.917	0.463	0.922	0.488	0.925	0.479	2.025	-0.291	2.030	-0.345	2.036	-0.438	2.043	-0.463
0.929	0.454	0.932	0.395	0.937	0.303	0.939	0.206	2.045	-0.484	2.050	-0.484	2.056	-0.438	2.061	-0.354
0.942	0.134	0.943	0.075	0.948	-0.001	0.950	-0.039	2.064	-0.219	2.069	-0.198	2.073	-0.134	2.076	-0.054
0.952	-0.068	0.955	-0.077	0.958	-0.127	0.963	-0.168	2.081	-0.025	2.086	-0.008	2.088	-0.063	2.091	-0.126
0.970	-0.051	0.975	-0.093	0.978	-0.127	0.983	-0.156	2.096	-0.206	2.098	-0.256	2.099	-0.307	2.104	-0.336
0.988	-0.177	0.996	-0.203	1.001	-0.211	1.009	-0.186	2.106	-0.366	2.109	-0.395	2.116	-0.353	2.119	-0.324
1.016	-0.143	1.024	-0.080	1.031	-0.025	1.035	0.034	2.124	-0.265	2.131	-0.155	2.132	-0.054	2.137	-0.054
1.041	0.072	1.045	0.105	1.049	0.127	1.055	0.127	2.141	0.005	2.144	0.064	2.149	0.123	2.154	0.199
1.060	0.068	1.062	0.026	1.067	-0.046	1.068	-0.092	2.157	0.250	2.162	0.305	2.164	0.343	2.170	0.359
1.075	-0.172	1.077	-0.235	1.085	-0.206	1.090	-0.159	2.175	0.326	2.177	0.275	2.184	0.208	2.185	0.107
1.095	-0.113	1.098	-0.075	1.101	-0.033	1.108	-0.041	2.190	0.001	2.195	-0.104	2.202	-0.205	2.204	-0.298
1.113	-0.096	1.115	-0.155	1.119	-0.193	1.121	-0.235	2.207	-0.357	2.210	-0.407	2.217	-0.432	2.230	-0.365
1.123	-0.260	1.128	-0.277	1.134	-0.239	1.139	-0.184	2.239	-0.289	2.245	-0.217	2.255	-0.095	2.264	-0.027
1.141	-0.117	1.149	-0.053	1.154	-0.003	1.159	0.023	2.272	0.048	2.279	0.103	2.285	0.137	2.295	0.200
1.167	0.057	1.174	0.074	1.175	0.103	1.180	0.179	2.304	0.217	2.312	0.217	2.314	0.146	2.317	0.074
1.185	0.238	1.187	0.297	1.192	0.348	1.195	0.356	2.325	0.007	2.334	-0.069	2.337	-0.116	2.339	-0.153
1.200	0.289	1.205	0.200	1.207	0.095	1.212	0.003	2.345	-0.170	2.350	-0.183	2.355	-0.137	2.357	-0.128
1.215	-0.090	1.220	-0.132	1.225	-0.162	1.226	-0.183	2.360	0.019	2.365	0.032	2.370	0.154	2.375	0.239
1.231	-0.183	1.233	-0.153	1.238	-0.119	1.241	-0.060	2.382	0.272	2.389	0.293	2.395	0.302	2.402	0.277
1.246	-0.031	1.253	-0.022	1.258	-0.052	1.259	-0.085	2.405	0.243	2.410	0.209	2.415	0.159	2.423	0.125
1.261	-0.140	1.266	-0.178	1.269	-0.212	1.272	-0.241	2.430	0.117	2.438	0.146	2.445	0.096	2.450	0.028
1.279	-0.254	1.286	-0.220	1.291	-0.140	1.294	-0.064	2.457	-0.035	2.458	-0.090	2.470	-0.140	2.477	-0.178
1.299	0.012	1.305	0.084	1.310	0.143	1.314	0.198	2.487	-0.208	2.492	-0.212	2.498	-0.170	2.505	-0.094
1.318	0.227	1.325	0.270	1.332	0.215	1.338	0.169	2.510	0.024	2.515	0.138	2.518	0.239	2.522	0.336
1.343	0.017	1.345	0.068	1.350	0.038	1.353	0.047	2.527	0.387	2.532	0.328	2.537	0.222	2.542	0.062
1.361	0.010	1.365	-0.016	1.366	-0.054	1.371	-0.071	2.545	-0.064	2.550	-0.187	2.553	-0.271	2.557	-0.296
1.373	-0.088	1.378	-0.079	1.383	-0.062	1.389	-0.045	2.568	-0.288	2.573	-0.271	2.582	-0.296	2.590	-0.317
1.393	-0.045	1.397	-0.062	1.402	-0.079	1.409	-0.045	2.597	-0.271	2.603	-0.224	2.607	-0.165	2.612	-0.127
1.412	-0.007	1.416	0.031	1.422	0.056	1.424	0.086	2.620	-0.098	2.630	-0.064	2.642	-0.035	2.643	0.020
1.430	0.086	1.434	0.061	1.437	-0.024	1.440	-0.083	2.648	0.075	2.657	0.046	2.659	0.016	2.670	-0.005
1.443	-0.116	1.448	-0.146	1.452	-0.163	1.458	-0.108	2.677	-0.018	2.688	0.029	2.698	0.050	2.705	0.054

2.710	0.003	2.717	-0.068	2.722	-0.182	2.725	-0.287	4.086	-0.298	4.093	-0.260	4.100	-0.146	4.105	0.048
2.730	-0.380	2.735	-0.405	2.741	-0.363	2.746	-0.262	4.108	0.115	4.113	0.187	4.118	0.296	4.121	0.339
2.755	-0.081	2.760	0.126	2.765	0.349	2.771	0.429	4.133	0.351	4.138	0.296	4.144	0.275	4.146	0.111
2.778	0.454	2.783	0.471	2.788	0.420	2.796	0.323	4.157	0.011	4.164	-0.011	4.167	-0.083	4.174	-0.142
2.803	0.189	2.805	0.134	2.815	0.100	2.823	0.083	4.182	-0.184	4.190	-0.155	4.195	-0.104	4.199	-0.053
2.836	0.096	2.838	0.066	2.848	0.028	2.851	-0.031	4.207	-0.032	4.213	-0.066	4.223	-0.125	4.232	-0.171
2.858	-0.102	2.861	-0.191	2.868	-0.275	2.873	-0.338	4.237	-0.180	4.245	-0.083	4.251	0.060	4.256	0.115
2.883	-0.309	2.890	-0.246	2.893	-0.216	2.898	-0.191	4.258	0.153	4.265	0.237	4.271	0.410	4.278	0.528
2.910	-0.170	2.915	-0.111	2.918	-0.035	2.921	0.049	4.283	0.608	4.284	0.663	4.294	0.646	4.296	0.528
2.923	0.256	2.925	0.256	2.931	0.277	2.936	0.289	4.306	0.410	4.316	0.208	4.319	0.069	4.324	-0.023
2.943	0.239	2.946	0.167	2.954	0.129	2.958	0.117	4.326	-0.070	4.329	-0.087	4.332	-0.103	4.337	-0.082
2.963	0.155	2.969	0.209	2.974	0.268	2.981	0.310	4.344	-0.011	4.349	0.040	4.354	0.074	4.364	0.099
2.988	0.331	2.996	0.378	3.004	0.319	3.013	0.256	4.374	0.040	4.379	0.027	4.385	-0.082	4.390	-0.107
3.018	0.188	3.023	0.138	3.028	0.091	3.034	0.062	4.397	-0.145	4.403	-0.112	4.412	-0.107	4.422	-0.137
3.041	0.015	3.044	-0.073	3.049	-0.187	3.053	-0.254	4.430	-0.162	4.435	-0.120	4.438	-0.061	4.443	-0.031
3.056	-0.292	3.058	-0.347	3.061	-0.389	3.064	-0.419	4.451	-0.023	4.455	-0.031	4.463	-0.052	4.475	-0.073
3.071	-0.394	3.076	-0.339	3.083	-0.254	3.089	-0.170	4.478	-0.010	4.488	0.074	4.489	0.117	4.496	0.167
3.094	-0.090	3.098	-0.040	3.101	0.007	3.108	0.007	4.508	0.226	4.518	0.235	4.529	0.201	4.537	0.108
3.114	-0.040	3.118	-0.069	3.123	-0.111	3.131	-0.090	4.542	0.007	4.551	-0.077	4.556	-0.144	4.561	-0.237
3.138	-0.065	3.144	-0.040	3.151	-0.082	3.157	-0.132	4.564	-0.300	4.569	-0.397	4.574	-0.439	4.577	-0.469
3.164	-0.191	3.169	-0.238	3.176	-0.276	3.182	-0.318	4.584	-0.414	4.589	-0.287	4.594	-0.224	4.599	-0.102
3.189	-0.347	3.197	-0.381	3.204	-0.331	3.214	-0.229	4.603	-0.056	4.607	0.025	4.613	0.084	4.622	0.143
3.220	-0.103	3.224	0.032	3.227	0.116	3.235	0.171	4.630	0.117	4.635	0.101	4.641	0.063	4.655	0.029
3.242	0.247	3.248	0.322	3.250	0.394	3.255	0.445	4.666	0.025	4.675	-0.004	4.683	-0.046	4.694	-0.038
3.262	0.487	3.270	0.504	3.280	0.453	3.286	0.373	4.696	0.067	4.701	0.232	4.706	0.388	4.709	0.422
3.290	0.276	3.295	0.188	3.300	0.099	3.303	0.036	4.714	0.514	4.716	0.599	4.724	0.645	4.729	0.561
3.311	0.086	3.316	0.179	3.321	0.276	3.328	0.272	4.734	0.439	4.739	0.308	4.742	0.203	4.749	0.093
3.333	0.196	3.339	0.112	3.343	0.036	3.348	-0.015	4.754	0.038	4.759	-0.025	4.767	-0.058	4.775	-0.105
3.356	-0.084	3.362	-0.057	3.372	-0.023	3.379	-0.040	4.780	-0.037	4.787	0.077	4.788	0.106	4.795	0.169
3.386	-0.129	3.394	-0.306	3.402	-0.428	3.407	-0.546	4.801	0.186	4.808	0.178	4.819	0.115	4.821	0.085
3.415	-0.601	3.425	-0.559	3.428	-0.512	3.438	-0.479	4.823	0.064	4.833	0.005	4.841	-0.045	4.852	0.052
3.445	-0.453	3.450	-0.495	3.458	-0.525	3.466	-0.517	4.864	0.149	4.870	0.212	4.880	0.271	4.887	0.221
3.473	-0.458	3.475	-0.348	3.480	-0.192	3.485	-0.070	4.895	0.107	4.903	0.036	4.910	-0.049	4.928	-0.031
3.488	0.052	3.498	0.115	3.506	0.090	3.514	0.069	4.936	-0.107	4.943	-0.015	4.946	0.049	4.953	0.146
3.524	0.052	3.531	0.086	3.534	0.170	3.541	0.259	4.964	0.158	4.976	0.120	4.986	-0.014	4.994	-0.095
3.551	0.305	3.559	0.242	3.571	0.191	3.580	0.166	4.999	-0.196	5.001	-0.250	5.010	-0.301	5.022	-0.284
3.590	0.225	3.594	0.309	3.600	0.330	3.607	0.343	5.028	-0.204	5.035	-0.090	5.037	-0.036	5.050	0.040
3.613	0.216	3.618	0.103	3.625	-0.007	3.633	-0.070	5.058	0.104	5.061	0.108	5.071	0.158	5.094	0.188
3.637	-0.146	3.640	-0.205	3.645	-0.209	3.656	-0.230	5.098	0.078	5.111	-0.019	5.117	-0.128	5.122	-0.187
3.660	-0.239	3.671	-0.230	3.678	-0.214	3.680	-0.184	5.134	-0.200	5.142	-0.183	5.149	-0.242	5.159	-0.250
3.686	-0.163	3.691	-0.096	3.698	-0.037	3.703	0.014	5.172	-0.259	5.175	-0.175	5.182	-0.124	5.190	0.023
3.709	0.044	3.716	-0.003	3.722	-0.112	3.726	-0.247	5.198	0.167	5.208	0.306	5.219	0.339	5.229	0.361
3.732	-0.294	3.739	-0.310	3.744	-0.289	3.750	-0.180	5.239	0.234	5.247	0.154	5.258	0.112	5.273	0.205
3.757	-0.058	3.760	0.018	3.764	0.073	3.768	0.132	5.286	0.209	5.293	0.137	5.303	0.112	5.325	0.044
3.772	0.166	3.778	0.166	3.785	0.132	3.796	0.081	5.334	-0.044	5.342	-0.149	5.347	-0.200	5.355	-0.255
3.803	-0.020	3.806	-0.087	3.811	-0.171	3.816	-0.218	5.363	-0.192	5.370	-0.074	5.375	0.044	5.383	0.120
3.823	-0.247	3.829	-0.205	3.834	-0.112	3.838	-0.028	5.391	0.137	5.401	0.057	5.417	-0.023	5.430	-0.082
3.846	0.014	3.852	-0.011	3.861	-0.079	3.866	-0.146	5.442	-0.027	5.456	0.065	5.463	0.162	5.478	0.238
3.869	-0.180	3.874	-0.205	3.881	-0.171	3.887	-0.053	5.486	0.162	5.494	0.023	5.497	-0.082	5.509	-0.133
3.889	-0.015	3.895	0.060	3.902	0.136	3.909	0.090	5.520	0.044	5.530	0.132	5.536	0.183	5.546	0.137
3.915	0.010	3.920	-0.041	3.925	-0.079	3.933	-0.070	5.563	0.094	5.571	0.040	5.589	-0.036	5.605	-0.070
3.941	-0.053	3.951	-0.028	3.961	-0.028	3.965	-0.045	5.621	-0.011	5.630	0.120	5.635	0.221	5.646	0.259
3.974	-0.074	3.983	-0.096	3.994	-0.121	3.996	-0.100	5.657	0.187	5.667	0.065	5.674	-0.045	5.675	-0.045
4.006	-0.041	4.012	0.039	4.016	0.128	4.021	0.199	5.679	-0.125	5.687	-0.059	5.703	-0.104	5.713	0.010
4.032	0.233	4.045	0.170	4.053	0.124	4.060	0.090	5.720	0.141	5.730	0.255	5.738	0.221	5.751	0.044
4.067	-0.096	4.072	-0.096	4.075	-0.184	4.080	-0.243	5.759	-0.049	5.766	-0.065	5.780	-0.103	5.792	-0.091

5.799	-0.031	5.812	0.053	5.822	0.171	5.835	0.205	8.752	-0.116	8.760	-0.099	8.785	-0.125	8.792	-0.158
5.843	0.171	5.851	0.095	5.856	0.015	5.866	-0.001	8.805	-0.200	8.818	-0.099	8.839	0.032	8.857	0.121
5.879	0.032	5.909	0.054	5.915	0.037	5.928	0.075	8.894	0.075	8.912	0.079	8.932	0.109	8.948	0.033
5.941	0.037	5.956	0.020	5.964	0.151	5.976	0.227	8.960	-0.018	8.974	-0.043	8.984	-0.005	8.996	0.068
5.982	0.258	5.991	0.193	5.996	0.080	6.007	-0.047	9.009	-0.009	9.040	0.051	9.058	0.021	9.072	0.085
6.009	-0.198	6.015	-0.266	6.022	-0.337	6.032	-0.367	9.080	0.135	9.095	0.199	9.113	0.115	9.129	0.085
6.038	-0.291	6.045	-0.156	6.051	-0.034	6.071	0.046	9.144	0.119	9.169	0.056	9.195	0.086	9.227	0.027
6.092	0.135	6.106	0.059	6.119	-0.025	6.127	-0.071	9.245	0.053	9.251	0.116	9.268	0.167	9.286	0.112
6.138	-0.105	6.153	-0.020	6.170	0.106	6.184	0.199	9.306	0.083	9.317	0.138	9.330	0.176	9.342	0.168
6.199	0.275	6.209	0.187	6.222	0.140	6.242	0.082	9.357	0.227	9.373	0.172	9.396	0.122	9.406	0.202
6.252	0.002	6.262	-0.053	6.277	0.027	6.293	0.082	9.416	0.270	9.429	0.232	9.444	0.127	9.457	0.093
6.310	0.124	6.324	0.036	6.331	-0.111	6.343	-0.233	9.482	0.148	9.500	0.081	9.522	0.001	9.561	-0.062
6.354	-0.280	6.367	-0.271	6.371	-0.225	6.381	-0.166	9.588	-0.074	9.602	-0.150	9.614	-0.201	9.629	-0.150
6.400	-0.144	6.423	-0.102	6.441	-0.034	6.460	0.021	9.640	-0.091	9.660	-0.175	9.678	-0.133	9.695	-0.163
6.469	-0.030	6.486	-0.110	6.497	-0.211	6.501	-0.223	9.716	-0.217	9.733	-0.158	9.749	-0.099	9.776	-0.145
6.514	-0.063	6.521	0.101	6.529	0.203	6.542	0.236	9.796	-0.078	9.824	-0.027	9.853	-0.082	9.885	-0.124
6.555	0.232	6.567	0.194	6.580	0.177	6.601	0.224	9.908	-0.098	9.931	-0.124	9.944	-0.162	9.981	-0.043
6.611	0.186	6.624	0.085	6.641	0.009	6.662	-0.071	10.017	0.037	10.047	0.071	10.078	0.020	10.103	0.020
6.674	-0.176	6.687	-0.311	6.695	-0.404	6.705	-0.416	10.116	0.020	10.139	0.138	10.149	0.122	10.166	0.008
6.718	-0.370	6.736	-0.315	6.749	-0.269	6.759	-0.180	10.182	-0.030	10.202	0.054	10.232	-0.021	10.252	0.038
6.766	-0.117	6.779	-0.066	6.797	-0.138	6.821	-0.188	10.273	-0.084	10.285	-0.143	10.309	-0.181	10.341	-0.084
6.835	-0.210	6.843	-0.117	6.856	-0.016	6.880	0.022	10.356	-0.134	10.380	-0.189	10.395	-0.181	10.410	-0.223
6.887	0.115	6.897	0.162	6.905	0.111	6.917	-0.015	10.422	-0.223	10.446	-0.168	10.484	-0.264	10.493	-0.311
6.923	-0.117	6.928	-0.197	6.940	-0.243	6.948	-0.095	10.503	-0.205	10.522	-0.108	10.555	-0.163	10.572	-0.180
6.959	0.010	6.967	0.061	6.979	0.006	6.987	-0.041	10.588	-0.125	10.602	-0.049	10.620	0.014	10.653	-0.099
6.994	-0.053	7.002	-0.036	7.013	-0.087	7.020	-0.121	10.677	0.010	10.692	-0.006	10.743	0.074	10.771	0.045
7.031	-0.053	7.040	-0.052	7.051	0.094	7.061	0.111	10.798	0.146	10.809	0.168	10.839	0.084	10.877	0.139
7.071	0.099	7.081	-0.002	7.086	-0.066	7.092	-0.099	10.915	0.051	10.949	0.106	10.969	0.072	10.989	-0.020
7.104	-0.066	7.105	-0.044	7.112	-0.019	7.125	-0.049	11.099	-0.058	11.127	0.060	11.152	0.154	11.183	0.074
7.146	-0.129	7.169	-0.154	7.184	-0.133	7.197	-0.221	11.191	0.150	11.215	0.062	11.226	0.033	11.253	0.151
7.204	-0.297	7.215	-0.335	7.237	-0.284	7.253	-0.335	11.286	0.092	11.322	0.135	11.367	0.047	11.410	0.081
7.268	-0.368	7.281	-0.272	7.292	-0.132	7.302	-0.027	11.449	-0.020	11.484	-0.125	11.497	-0.167	11.530	-0.100
7.323	0.036	7.333	0.085	7.343	0.138	7.355	0.070	11.570	-0.125	11.615	-0.103	11.639	-0.091	11.677	-0.036
7.366	-0.014	7.378	-0.056	7.394	-0.069	7.414	-0.010	11.699	-0.040	11.724	-0.090	11.744	-0.115	11.777	-0.043
7.422	0.092	7.437	0.155	7.447	0.189	7.455	0.117	11.814	-0.132	11.837	-0.073	11.863	-0.106	11.883	-0.051
7.468	0.041	7.486	0.033	7.499	0.105	7.509	0.033	11.915	-0.098	11.957	0.033	11.975	0.046	12.010	-0.009
7.519	-0.072	7.532	-0.140	7.550	-0.215	7.565	-0.257	12.041	-0.009	12.069	-0.013	12.094	0.021	12.136	-0.034
7.576	-0.177	7.589	-0.064	7.604	-0.017	7.622	-0.055	12.169	-0.051	12.194	0.050	12.222	0.139	12.254	0.063
7.635	-0.131	7.645	-0.156	7.661	-0.051	7.670	-0.029	12.282	0.126	12.322	0.034	12.362	-0.029	12.391	0.051
7.691	-0.004	7.703	0.017	7.712	0.055	7.729	0.030	12.459	0.021	12.474	0.093	12.522	0.135	12.570	0.050
7.747	0.072	7.754	0.110	7.767	0.131	7.780	0.148	12.604	0.135	12.632	0.151	12.660	0.092	12.692	-0.013
7.795	0.047	7.802	-0.004	7.816	-0.134	7.825	-0.164	12.711	0.063	12.730	0.151	12.771	0.172	12.786	0.202
7.836	-0.185	7.851	-0.155	7.867	-0.269	7.874	-0.340	12.802	0.172	12.829	0.202	12.849	0.176	12.865	0.252
7.891	-0.387	7.892	-0.408	7.910	-0.328	7.925	-0.197	12.902	0.197	12.931	0.214	12.951	0.206	12.981	0.268
7.935	-0.112	7.955	-0.049	7.971	0.023	7.985	0.115	13.003	0.234	13.027	0.167	13.069	0.200	13.093	0.263
8.006	0.044	8.021	0.023	8.039	0.094	8.072	0.141	13.110	0.183	13.123	0.069	13.160	0.026	13.173	0.005
8.083	0.090	8.098	0.023	8.105	-0.044	8.116	-0.070	13.189	0.051	13.213	-0.063	13.233	-0.147	13.261	-0.110
8.131	0.032	8.141	0.141	8.163	0.192	8.182	0.226	13.299	-0.186	13.322	-0.152	13.387	-0.187	13.414	-0.136
8.196	0.125	8.210	0.070	8.219	0.057	8.232	0.133	13.432	-0.196	13.443	-0.284	13.460	-0.310	13.495	-0.213
8.244	0.222	8.257	0.268	8.272	0.209	8.283	0.129	13.528	-0.276	13.575	-0.196	13.619	-0.226	13.651	-0.230
8.308	0.079	8.334	0.041	8.351	0.062	8.371	0.147	13.661	-0.209	13.682	-0.226	13.707	-0.146	13.732	-0.092
8.381	0.218	8.400	0.298	8.407	0.320	8.422	0.269	13.786	-0.109	13.821	-0.058	13.844	-0.029	13.877	-0.042
8.428	0.189	8.438	0.164	8.453	0.248	8.468	0.236	13.887	-0.000	13.926	-0.097	13.957	-0.059	13.979	-0.008
8.488	0.198	8.511	0.257	8.536	0.219	8.541	0.190	14.011	-0.067	14.072	0.047	14.096	0.073	14.127	0.001
8.559	0.143	8.574	0.127	8.602	0.232	8.638	0.312	14.171	0.035	14.206	0.010	14.224	-0.003	14.264	0.044
8.658	0.186	8.681	0.132	8.699	0.022	8.717	-0.062								

14.299	0.027	14.353	-0.011	14.381	0.010	14.418	-0.011	21.359	-0.019	21.387	0.015	21.426	-0.052	21.451	-0.019
14.451	0.036	14.475	-0.010	14.498	-0.040	14.526	-0.006	21.484	-0.065	21.511	-0.027	21.542	-0.031	21.567	-0.057
14.561	-0.073	14.606	-0.010	14.622	0.045	14.653	0.024	21.624	-0.023	21.671	-0.039	21.724	-0.046	21.747	-0.038
14.675	0.045	14.700	0.028	14.727	0.112	14.762	0.104	21.777	-0.051	21.797	-0.050	21.812	-0.046	21.821	-0.021
14.785	0.125	14.814	0.087	14.836	0.137	14.861	0.108	21.846	-0.037	21.874	0.014	21.907	-0.024	21.944	0.031
14.901	0.163	14.939	0.125	14.964	0.112	14.990	0.125	21.997	-0.027	22.061	0.028	22.092	0.028	22.136	0.020
15.015	0.078	15.050	0.099	15.077	0.107	15.112	0.094	22.192	0.059	22.236	0.021	22.246	0.009	22.291	0.060
15.127	0.078	15.157	0.111	15.195	0.069	15.227	0.102	22.328	0.005	22.356	0.039	22.391	0.031	22.423	0.031
15.263	0.030	15.284	0.013	15.315	0.051	15.351	-0.034	22.446	0.031	22.471	0.031	22.515	0.027	22.546	0.011
15.375	-0.000	15.390	-0.009	15.410	0.033	15.444	-0.009	22.581	0.015	22.618	0.019	22.643	0.036	22.688	0.024
15.477	0.037	15.508	-0.005	15.544	0.033	15.571	0.023	22.715	-0.001	22.764	-0.005	22.852	0.021	22.854	0.042
15.586	-0.027	15.612	-0.044	15.664	-0.010	15.687	0.003	22.889	0.008	22.929	0.055	22.959	0.026	22.996	0.030
15.700	0.040	15.731	-0.053	15.752	-0.078	15.801	-0.036	23.056	0.025	23.103	0.012	23.135	-0.005	23.150	0.011
15.804	-0.053	15.836	-0.129	15.854	-0.108	15.886	-0.167	23.173	0.045	23.235	-0.019	23.261	0.006	23.308	0.023
15.928	-0.133	15.951	-0.133	15.962	-0.121	15.992	-0.138	23.363	-0.003	23.434	0.030	23.489	-0.021	23.519	0.004
16.012	-0.095	16.035	-0.057	16.080	-0.099	16.114	-0.049	23.569	0.012	23.581	-0.005	23.601	0.020	23.634	-0.018
16.172	-0.120	16.196	-0.129	16.228	-0.095	16.249	-0.150	23.664	0.003	23.713	0.014	23.763	-0.006	23.801	0.040
16.273	-0.086	16.311	-0.137	16.361	-0.082	16.408	-0.128	23.852	-0.003	23.873	0.010	23.911	0.043	23.952	0.016
16.437	-0.045	16.462	-0.090	16.495	-0.002	16.559	0.002	24.022	-0.021	24.050	0.000	24.089	-0.021	24.116	-0.009
16.597	0.040	16.631	-0.002	16.656	0.036	16.691	0.002	24.173	-0.035	24.201	-0.056	24.246	-0.002	24.282	-0.023
16.714	0.040	16.754	-0.002	16.785	0.040	16.823	0.036	24.321	0.006	24.371	-0.028	24.400	-0.015	24.433	-0.003
16.855	0.099	16.905	0.083	16.950	0.104	16.976	0.137	24.451	0.018	24.486	-0.003	24.522	0.018	24.542	0.009
17.012	0.141	17.039	0.200	17.043	0.205	17.078	0.124	24.563	0.017	24.589	0.005	24.609	0.030	24.635	0.008
17.110	0.158	17.170	0.153	17.185	0.174	17.217	0.098	24.662	0.063	24.708	-0.000	24.735	-0.022	24.776	0.037
17.237	0.128	17.257	0.178	17.285	0.140	17.313	0.140	24.836	-0.010	24.849	-0.039	24.879	-0.006	24.893	-0.006
17.338	0.106	17.365	0.140	17.405	0.068	17.430	0.055	24.923	0.015	24.951	-0.040	24.993	0.014	25.052	-0.020
17.465	0.101	17.485	0.042	17.496	0.008	17.518	0.029	25.086	-0.030	25.127	0.009	25.143	0.017	25.172	-0.004
17.571	-0.043	17.601	-0.076	17.630	-0.039	17.653	-0.081	25.257	0.046	25.262	0.037	25.300	-0.010	25.333	0.011
17.686	0.007	17.729	-0.073	17.752	-0.103	17.803	-0.086	25.357	-0.006	25.385	-0.031	25.430	0.001	25.493	-0.012
17.838	-0.053	17.870	-0.121	17.896	-0.095	17.964	-0.100	25.552	-0.030	25.593	-0.013	25.622	-0.031	25.657	-0.001
17.969	-0.104	17.990	-0.079	18.023	-0.143	18.063	-0.076	25.730	0.006	25.790	-0.011	25.838	-0.020	25.867	0.000
18.093	-0.076	18.127	-0.021	18.179	-0.047	18.220	0.011	25.893	0.034	25.928	-0.009	25.960	0.016	25.978	-0.005
18.273	-0.031	18.299	-0.040	18.322	-0.023	18.347	-0.023	26.000	0.028	26.045	-0.039	26.070	0.011	26.103	-0.023
18.383	0.078	18.410	0.048	18.423	0.014	18.448	0.035	26.140	-0.028	26.160	-0.003	26.180	-0.041	26.218	0.030
18.488	0.009	18.511	-0.029	18.532	-0.012	18.578	-0.038	26.246	-0.021	26.256	-0.050	26.303	0.029	26.366	-0.060
18.585	-0.038	18.615	0.025	18.663	-0.043	18.725	-0.081	26.390	-0.026	26.411	-0.077	26.451	-0.023	26.518	-0.032
18.775	-0.052	18.783	-0.060	18.810	-0.094	18.853	-0.040	26.553	0.036	26.584	-0.011	26.604	0.052	26.636	-0.025
18.880	-0.023	18.913	-0.057	18.948	-0.019	18.982	0.027	26.692	0.004	26.726	-0.046	26.769	-0.030	26.777	-0.034
19.017	-0.024	19.042	0.009	19.068	-0.025	19.105	0.047	26.799	-0.013	26.819	-0.030	26.846	0.029	26.877	-0.009
19.160	-0.021	19.188	0.051	19.204	0.067	19.228	0.025	26.892	0.003	26.929	0.003	26.951	-0.006	26.971	-0.023
19.259	0.092	19.286	0.041	19.332	0.079	19.373	0.032	27.010	-0.015	27.029	-0.010	27.072	0.019	27.082	0.023
19.410	0.058	19.436	0.036	19.469	0.082	19.498	0.049	27.102	0.040	27.130	-0.041	27.137	-0.032	27.169	0.027
19.526	0.048	19.571	0.048	19.610	0.060	19.638	0.090	27.220	-0.037	27.242	-0.016	27.275	0.017	27.292	-0.021
19.683	0.043	19.718	0.093	19.743	0.131	19.787	0.072	27.317	0.030	27.385	0.012	27.402	-0.000	27.406	-0.005
19.804	0.072	19.832	0.025	19.875	0.055	19.909	0.080	27.434	0.063	27.482	0.033	27.537	0.049	27.539	0.045
19.946	0.037	19.988	0.083	20.021	0.066	20.059	0.032	27.557	0.036	27.579	0.062	27.611	0.032	27.639	0.065
20.066	0.032	20.101	0.053	20.139	0.044	20.157	0.036	27.672	0.044	27.706	-0.011	27.731	0.023	27.751	-0.007
20.178	0.074	20.226	0.010	20.263	0.044	20.337	0.026	27.778	0.052	27.790	0.026	27.820	0.060	27.851	-0.008
20.360	0.026	20.400	0.043	20.436	-0.037	20.449	-0.067	27.882	0.051	27.920	-0.017	27.945	0.004	27.967	0.034
20.456	-0.058	20.476	-0.033	20.515	-0.063	20.569	-0.055	27.992	-0.005	28.007	-0.026	28.066	0.016	28.071	0.007
20.583	-0.051	20.615	-0.055	20.663	-0.102	20.694	-0.140	28.094	-0.026	28.134	0.037	28.198	-0.057	28.225	-0.036
20.706	-0.110	20.721	-0.085	20.747	-0.119	20.782	-0.073	28.255	-0.053	28.283	0.010	28.318	-0.045	28.362	-0.007
20.834	-0.077	20.855	-0.107	20.905	-0.039	20.953	-0.031	28.409	-0.042	28.494	-0.013	28.502	0.008	28.532	-0.030
20.991	-0.002	21.021	0.040	21.056	0.011	21.071	0.007	28.594	0.003	28.616	-0.031	28.653	0.028	28.686	-0.031
21.104	-0.048	21.133	-0.019	21.148	0.015	21.186	-0.019	28.721	0.036	28.753	-0.007	28.770	0.018	28.791	-0.011
21.234	-0.006	21.259	-0.036	21.299	0.007	21.334	0.007	28.822	0.022	28.857	-0.008	28.887	0.017	28.907	-0.012

28.922	0.017	28.950	-0.008	28.984	0.033	29.014	-0.001	33.392	-0.021	33.402	-0.017	33.420	-0.017	33.437	-0.005
29.042	0.012	29.070	-0.035	29.134	0.015	29.156	-0.019	33.440	-0.001	33.460	0.028	33.479	0.028	33.498	0.023
29.177	-0.011	29.208	0.039	29.281	-0.003	29.313	0.017	33.512	0.019	33.527	0.010	33.540	0.006	33.547	0.001
29.380	0.004	29.415	-0.017	29.422	-0.018	29.442	0.029	33.557	0.001	33.570	0.009	33.577	0.026	33.588	0.043
29.458	0.003	29.515	-0.040	29.537	-0.006	29.569	0.010	33.608	0.051	33.623	0.042	33.633	0.026	33.643	0.025
29.597	0.006	29.624	-0.028	29.671	0.060	29.722	-0.012	33.658	0.024	33.666	0.024	33.676	0.041	33.691	0.066
29.751	-0.017	29.772	0.012	29.814	0.016	29.859	-0.027	33.702	0.065	33.717	0.044	33.727	0.040	33.731	0.044
29.877	-0.040	29.896	0.002	29.922	-0.037	29.954	-0.012	33.739	0.065	33.750	0.073	33.762	0.056	33.767	0.039
29.967	-0.016	29.990	-0.004	30.017	-0.059	30.049	-0.051	33.775	0.022	33.789	0.021	33.800	0.038	33.815	0.046
30.069	-0.026	30.094	-0.018	30.105	-0.031	30.135	0.002	33.827	0.059	33.845	0.062	33.852	0.054	33.855	0.041
30.157	-0.053	30.202	-0.020	30.230	0.026	30.265	-0.046	33.865	0.028	33.882	0.037	33.901	0.045	33.916	0.032
30.300	0.016	30.331	-0.031	30.375	-0.031	30.400	-0.015	33.930	0.028	33.950	0.027	33.968	0.027	33.986	0.027
30.421	-0.040	30.468	0.026	30.489	0.064	30.523	0.004	34.008	0.026	34.019	0.026	34.036	0.009	34.049	-0.004
30.551	0.021	30.572	-0.022	30.584	0.008	30.612	-0.031	34.064	-0.012	34.087	-0.013	34.102	-0.009	34.117	0.004
30.635	0.011	30.669	-0.032	30.702	0.043	30.735	-0.013	34.136	0.012	34.155	0.007	34.174	-0.002	34.189	-0.002
30.760	0.025	30.802	-0.010	30.824	-0.052	30.862	0.031	34.207	-0.002	34.217	-0.011	34.235	-0.020	34.253	-0.012
31.044	0.027	31.090	0.026	31.132	0.076	31.162	0.020	34.267	-0.008	34.282	-0.016	34.295	-0.021	34.313	-0.030
31.201	0.045	31.263	0.039	31.295	0.060	31.316	0.038	34.330	-0.026	34.345	-0.018	34.367	-0.010	34.381	-0.023
31.332	0.029	31.360	0.025	31.375	0.007	31.389	-0.014	34.398	-0.023	34.413	-0.023	34.426	-0.032	34.436	-0.036
31.407	-0.002	31.424	0.015	31.439	0.027	31.446	0.044	34.453	-0.028	34.465	-0.028	34.476	-0.037	34.488	-0.050
31.458	0.035	31.463	0.035	31.478	0.026	31.493	0.035	34.503	-0.050	34.518	-0.046	34.531	-0.038	34.543	-0.025
31.501	0.034	31.510	0.055	31.520	0.043	31.538	0.034	34.554	-0.013	34.573	0.008	34.583	0.020	34.588	0.029
31.557	0.034	31.577	0.038	31.590	0.046	31.609	0.058	34.601	0.041	34.614	0.041	34.623	0.020	34.636	0.007
31.621	0.037	31.639	0.024	31.648	0.007	31.658	-0.006	34.641	-0.004	34.657	0.036	34.676	0.040	34.701	0.023
31.668	-0.006	31.678	-0.019	31.688	-0.040	31.705	-0.053	34.769	-0.004	34.785	0.005	34.740	0.005	34.755	-0.003
31.711	-0.061	31.725	-0.045	31.740	-0.045	31.752	-0.050	34.841	-0.005	34.858	-0.017	34.878	-0.030	34.888	-0.018
31.767	-0.024	31.779	-0.008	31.792	0.005	31.821	0.004	34.899	-0.001	34.914	0.016	34.928	0.019	34.941	0.002
31.846	0.012	31.861	0.033	31.878	0.066	31.888	0.070	34.959	0.002	34.967	0.006	34.974	0.014	34.992	0.018
31.907	0.041	31.923	0.011	31.935	-0.006	31.950	0.002	35.006	0.001	35.019	-0.007	35.032	-0.016	35.052	-0.012
31.967	0.019	31.981	0.027	31.996	0.018	32.008	0.001	35.067	-0.017	35.077	-0.017	35.092	-0.021	35.107	-0.022
32.016	-0.020	32.018	-0.029	32.034	-0.016	32.045	-0.004	35.128	-0.022	35.138	-0.022	35.165	-0.023	35.184	-0.023
32.055	-0.012	32.068	-0.017	32.078	-0.025	32.090	-0.000	35.213	-0.024	35.231	-0.024	35.247	-0.024	35.264	-0.033
32.095	0.012	32.105	-0.001	32.122	-0.009	32.127	-0.026	35.284	-0.033	35.304	-0.042	35.323	-0.038	35.338	-0.034
32.139	-0.048	32.156	-0.056	32.172	-0.044	32.191	-0.019	35.355	-0.026	35.368	-0.022	35.385	-0.014	35.400	-0.027
32.212	0.010	32.239	0.010	32.263	-0.007	32.271	-0.024	35.418	-0.027	35.443	-0.023	35.464	-0.023	35.490	-0.027
32.284	-0.033	32.299	-0.025	32.311	-0.013	32.319	-0.000	35.505	-0.040	35.527	-0.040	35.555	-0.040	35.580	-0.031
32.331	-0.021	32.343	-0.038	32.351	-0.055	32.363	-0.068	35.603	-0.023	35.615	-0.006	35.623	0.002	35.633	0.019
32.371	-0.077	32.383	-0.073	32.396	-0.069	32.416	-0.056	35.648	0.019	35.661	0.032	35.681	0.032	35.694	0.024
32.440	-0.040	32.458	-0.028	32.478	-0.028	32.503	-0.041	35.730	0.015	35.758	0.007	35.775	-0.010	35.783	-0.010
32.517	-0.058	32.525	-0.067	32.542	-0.042	32.558	-0.008	35.816	-0.005	35.831	-0.001	35.858	-0.001	35.879	0.003
32.578	0.012	32.592	0.021	32.613	0.016	32.650	0.028	35.904	0.003	35.924	0.016	35.937	0.003	35.950	-0.001
32.679	0.019	32.700	0.007	32.710	-0.010	32.735	-0.011	35.973	0.012	35.987	0.012	36.010	0.012	36.036	0.016
32.753	0.003	32.776	0.005	32.786	-0.012	32.805	-0.029	36.063	0.020	36.082	0.011	36.097	-0.006	36.115	-0.019
32.811	-0.041	32.828	-0.021	32.843	-0.008	32.853	-0.000	36.137	-0.023	36.157	-0.023	36.177	-0.019	36.196	-0.007
32.869	-0.000	32.884	-0.004	32.896	-0.013	32.904	-0.026	36.223	0.010	36.251	0.005	36.263	-0.003	36.276	-0.008
32.912	-0.022	32.926	-0.013	32.939	0.003	32.952	0.011	36.294	-0.008	36.314	0.000	36.330	0.013	36.355	0.012
32.964	0.011	32.982	0.003	32.992	-0.002	33.002	-0.010	36.372	-0.005	36.403	-0.009	36.443	-0.005	36.474	-0.001
33.008	-0.019	33.017	-0.032	33.027	-0.044	33.033	-0.049	36.493	-0.002	36.516	-0.002	36.536	-0.002	36.552	0.002
33.045	-0.045	33.056	-0.041	33.066	-0.028	33.076	-0.016	36.565	0.014	36.589	0.018	36.608	0.022	36.627	0.022
33.088	-0.007	33.096	0.001	33.106	0.009	33.114	0.005	36.645	0.021	36.673	0.029	36.698	0.025	36.714	0.016
33.133	0.005	33.149	0.000	33.167	0.000	33.177	-0.004	36.731	0.003	36.744	0.003	36.768	0.023	36.781	0.019
33.187	-0.013	33.199	-0.013	33.207	-0.000	33.217	-0.008	36.793	0.010	36.813	0.001	36.832	-0.003	36.841	0.001
33.234	-0.001	33.243	-0.001	33.257	0.003	33.267	-0.010	36.861	0.026	36.877	0.017	36.886	0.004	36.911	0.008
33.280	-0.023	33.290	-0.027	33.298	-0.032	33.316	-0.028	36.927	0.020	36.941	0.016	36.960	0.003	36.974	0.002
33.333	-0.024	33.342	-0.020	33.357	-0.029	33.369	-0.029	36.992	0.010	37.025	0.018	37.039	0.009	37.057	-0.004

37.072	0.004	37.093	0.008	37.112	0.003	37.125	-0.010	41.486	-0.003	41.501	0.001	41.520	-0.003	41.538	-0.012
37.143	-0.010	37.150	-0.006	37.167	-0.011	37.175	-0.024	41.550	-0.008	41.568	0.000	41.583	-0.000	41.606	-0.001
37.180	-0.032	37.210	-0.024	37.220	-0.029	37.238	-0.025	41.641	0.003	41.665	0.003	41.683	-0.002	41.704	-0.002
37.253	-0.021	37.285	0.018	37.298	-0.022	37.313	-0.019	41.721	-0.006	41.736	-0.007	41.766	-0.007	41.777	-0.011
37.332	0.002	37.358	-0.003	37.373	-0.012	37.400	-0.013	41.796	-0.020	41.831	-0.021	41.864	-0.017	41.892	-0.017
37.417	-0.014	37.443	-0.019	37.452	-0.024	37.473	-0.025	41.922	-0.017	41.942	-0.022	41.965	-0.022	41.993	-0.022
37.485	-0.021	37.505	0.018	37.524	-0.006	37.544	-0.002	42.008	-0.023	42.038	-0.023	42.066	-0.023	42.093	-0.028
37.552	-0.015	37.579	-0.012	37.597	-0.004	37.612	-0.014	42.116	-0.028	42.144	-0.029	42.164	-0.029	42.182	-0.029
37.629	-0.023	37.642	-0.023	37.662	-0.032	37.677	-0.032	42.209	-0.030	42.263	-0.031	42.254	-0.027	42.269	-0.023
37.694	-0.029	37.710	-0.008	37.725	0.005	37.737	0.009	42.289	-0.023	42.309	-0.015	42.333	-0.016	42.358	-0.016
37.748	0.017	37.760	0.004	37.771	-0.009	37.791	-0.001	42.393	-0.013	42.401	-0.013	42.413	-0.013	42.430	-0.005
37.810	-0.005	37.823	-0.005	37.846	-0.005	37.859	0.003	42.445	-0.005	42.460	-0.006	42.483	-0.014	42.505	-0.011
37.871	-0.001	37.887	-0.009	37.914	-0.009	37.944	0.003	42.536	-0.007	42.558	-0.016	42.573	-0.017	42.593	-0.021
37.969	0.007	37.990	0.007	38.008	0.003	38.018	-0.001	42.616	-0.017	42.647	-0.010	42.673	-0.002	42.692	-0.007
38.043	-0.001	38.060	0.007	38.083	0.040	38.095	0.040	42.705	-0.015	42.727	-0.024	42.756	-0.012	42.784	-0.017
38.116	0.019	38.148	0.010	38.164	0.023	38.182	0.022	42.803	-0.026	42.831	-0.027	42.840	-0.023	42.858	-0.019
38.201	0.018	38.216	0.017	38.230	0.000	38.242	-0.004	42.892	-0.024	42.919	-0.024	42.943	-0.012	42.986	0.004
38.259	0.004	38.274	0.012	38.300	0.020	38.320	0.011	43.012	0.012	43.032	0.012	43.047	0.012	43.067	0.012
38.343	0.010	38.363	0.010	38.380	0.001	38.401	0.000	43.091	0.011	43.109	0.002	43.119	-0.002	43.141	-0.002
38.428	0.004	38.441	-0.001	38.466	-0.005	38.489	-0.002	43.155	0.006	43.171	0.018	43.190	0.022	43.208	0.014
38.504	-0.002	38.519	-0.002	38.539	0.002	38.565	-0.014	43.214	0.009	43.234	0.017	43.254	0.021	43.277	0.017
38.579	0.009	38.602	0.005	38.625	0.004	38.655	-0.000	43.296	0.021	43.324	0.024	43.345	0.016	43.372	0.015
38.672	-0.005	38.693	-0.005	38.698	-0.001	38.709	-0.010	43.403	0.015	43.419	0.023	43.434	0.023	43.457	0.026
38.732	-0.010	38.759	-0.011	38.783	-0.007	38.796	-0.008	43.484	0.008	43.519	0.021	43.533	0.017	43.551	0.012
38.821	-0.004	38.838	0.008	38.858	0.003	38.883	-0.010	43.565	0.003	43.597	0.020	43.619	0.020	43.640	0.015
38.906	-0.002	38.917	0.002	38.941	0.014	38.961	0.005	43.669	0.023	43.687	0.023	43.714	0.018	43.744	0.013
38.976	0.005	39.003	-0.000	39.030	-0.001	39.050	-0.006	43.770	0.009	43.788	0.008	43.800	-0.000	43.821	-0.013
39.070	-0.002	39.095	-0.015	39.112	-0.016	39.127	-0.007	43.848	-0.014	43.880	0.002	43.897	0.002	43.915	0.006
39.153	0.005	39.173	0.009	39.195	0.009	39.218	0.017	43.940	0.014	43.960	0.014	43.982	0.001	44.004	0.004
39.240	0.017	39.252	-0.000	39.271	0.004	39.288	-0.005	44.029	0.004	44.056	0.012	44.078	0.007	44.101	0.003
39.299	-0.018	39.313	-0.026	39.326	-0.022	39.350	-0.009	44.224	0.000	44.244	0.000	44.250	-0.000	44.289	-0.001
39.370	0.003	39.380	-0.001	39.399	-0.005	39.417	-0.022	44.302	-0.005	44.317	-0.006	44.356	0.006	44.369	0.002
39.439	-0.022	39.468	-0.022	39.497	-0.013	39.520	-0.014	44.389	0.002	44.420	0.005	44.438	0.009	44.455	0.000
39.542	-0.010	39.563	-0.014	39.586	-0.010	39.610	-0.002	44.478	-0.004	44.508	-0.005	44.539	0.003	44.557	0.003
39.635	0.010	39.662	0.022	39.676	-0.014	39.696	0.005	44.571	0.011	44.589	0.015	44.612	0.019	44.634	0.018
39.724	0.004	39.738	0.004	39.754	-0.001	39.773	-0.001	44.651	0.009	44.664	0.005	44.686	0.013	44.713	0.008
39.780	-0.018	39.803	-0.023	39.818	-0.015	39.830	0.002	44.735	-0.005	44.758	-0.001	44.780	-0.002	44.803	-0.011
39.850	0.010	39.865	0.014	39.878	-0.009	39.895	-0.008	44.825	-0.007	44.847	0.001	44.873	-0.008	44.895	-0.012
39.914	-0.017	39.940	-0.009	39.960	-0.009	39.976	-0.018	44.919	-0.004	44.939	-0.005	44.972	-0.001	44.991	0.007
40.001	-0.014	40.024	-0.011	40.051	-0.019	40.069	-0.016	45.006	0.006	45.034	-0.003	45.067	0.001	45.089	0.000
40.084	-0.020	40.106	-0.033	40.136	-0.025	40.165	-0.026	45.126	-0.009	45.149	-0.005	45.168	-0.006	45.194	-0.007
40.192	-0.026	40.205	-0.031	40.230	-0.031	40.247	-0.019	45.223	0.001	45.236	0.005	45.256	0.013	45.273	0.008
40.267	-0.002	40.285	-0.003	40.300	-0.007	40.318	-0.007	45.294	0.008	45.306	0.007	45.321	0.011	45.342	0.019
40.335	0.009	40.355	0.005	40.373	0.004	40.398	0.012	45.359	0.008	45.376	0.010	45.401	0.013	45.422	0.009
40.423	0.004	40.438	0.003	40.453	-0.001	40.480	-0.002	45.447	-0.001	45.465	-0.001	45.499	0.006	45.520	0.001
40.507	0.006	40.522	-0.002	40.549	-0.028	40.582	-0.020	45.539	0.004	45.559	-0.001	45.572	0.003	45.593	0.010
40.605	-0.003	40.627	0.009	40.649	0.013	40.665	0.004	45.612	0.014	45.638	0.013	45.668	0.012	45.685	0.015
40.684	-0.005	40.700	-0.009	40.714	-0.009	40.734	-0.001	45.698	-0.001	45.736	0.013	45.758	0.008	45.779	-0.005
40.747	0.007	40.762	0.015	40.782	0.028	40.805	0.027	45.798	-0.004	45.821	-0.002	45.843	-0.007	45.864	-0.004
40.844	0.018	40.854	0.022	40.879	0.026	40.899	0.038	45.884	-0.004	45.912	-0.001	45.939	0.011	45.965	0.006
40.922	0.034	40.945	0.017	40.974	0.012	41.007	0.016	45.990	0.005	46.007	0.001	46.020	0.001	46.048	-0.012
41.047	0.011	41.062	0.006	41.084	0.010	41.110	0.022	46.067	-0.004	46.083	0.004	46.113	0.008	46.136	0.008
41.120	0.013	41.139	0.017	41.160	0.017	41.180	0.012	46.163	0.016	46.178	0.020	46.198	0.015	46.216	0.002
41.199	0.012	41.235	0.028	41.254	0.036	41.280	0.027	46.237	0.002	46.259	0.015	46.284	0.010	46.304	0.002
41.305	0.031	41.333	0.026	41.362	0.025	41.392	0.025	46.329	0.001	46.345	0.010	46.375	0.009	46.395	0.005
41.413	0.016	41.437	0.007	41.452	0.007	41.480	0.002								

46.408	0.009	46.430	0.005	46.456	0.000	46.489	-0.005	50.700	0.006	50.735	0.009	50.774	-0.000	50.802	-0.005
46.519	-0.005	46.547	-0.001	46.567	0.003	46.602	-0.002	50.836	0.007	50.866	0.001	50.906	0.004	50.924	-0.000
46.634	0.002	46.658	-0.002	46.688	-0.011	46.692	-0.007	50.953	0.007	50.986	0.010	51.003	0.001	51.035	0.013
46.696	-0.003	46.713	0.010	46.733	0.009	46.758	0.008	51.061	0.012	51.080	-0.001	51.093	-0.001	51.121	0.007
46.773	-0.005	46.787	0.000	46.807	0.002	46.827	0.010	51.148	0.002	51.170	-0.003	51.188	0.005	51.222	0.005
46.849	0.009	46.865	-0.000	46.882	-0.004	46.893	-0.009	51.247	0.008	51.262	0.008	51.295	0.007	51.315	-0.002
46.907	-0.010	46.945	-0.003	46.973	-0.004	46.996	-0.024	51.338	-0.011	51.363	-0.003	51.375	-0.011	51.400	-0.012
47.026	-0.006	47.032	-0.010	47.047	-0.015	47.054	-0.024	51.427	-0.013	51.448	-0.017	51.460	-0.030	51.483	-0.027
47.085	-0.017	47.113	-0.015	47.136	-0.012	47.165	-0.009	51.502	-0.023	51.525	-0.015	51.543	-0.019	51.575	-0.016
47.203	-0.007	47.216	-0.007	47.246	-0.009	47.273	-0.008	51.597	-0.012	51.628	-0.017	51.635	-0.017	51.650	-0.021
47.306	-0.006	47.319	0.002	47.332	-0.003	47.347	-0.005	51.677	-0.009	51.695	-0.001	51.710	-0.006	51.737	-0.006
47.362	-0.008	47.372	-0.000	47.380	-0.000	47.397	-0.005	51.767	-0.002	51.788	0.006	51.810	0.005	51.828	-0.003
47.410	-0.001	47.432	-0.004	47.447	0.019	47.457	-0.014	51.848	-0.012	51.880	-0.004	51.900	-0.005	51.933	-0.010
47.470	0.009	47.492	-0.004	47.517	-0.001	47.525	-0.001	51.958	0.002	51.980	0.002	51.995	-0.007	52.012	-0.003
47.557	-0.002	47.568	-0.002	47.595	-0.003	47.610	-0.003	52.037	0.013	52.069	0.008	52.087	-0.001	52.105	0.003
47.625	-0.003	47.651	0.004	47.676	0.008	47.689	0.012	52.137	0.007	52.149	0.002	52.174	0.006	52.202	0.009
47.721	-0.011	47.729	0.015	47.763	0.014	47.771	0.010	52.215	0.005	52.239	0.004	52.259	0.008	52.284	0.007
47.786	-0.003	47.808	-0.008	47.835	-0.001	47.850	0.007	52.302	-0.001	52.329	0.002	52.349	-0.002	52.370	-0.002
47.869	-0.002	47.898	0.001	47.921	0.004	47.945	-0.004	52.390	0.001	52.433	0.001	52.460	-0.004	52.485	-0.004
47.976	-0.002	47.986	-0.006	48.008	-0.011	48.014	-0.016	52.503	-0.000	52.523	-0.005	52.543	-0.005	52.573	-0.001
48.043	-0.008	48.064	-0.004	48.081	-0.000	48.109	0.014	52.610	0.002	52.637	0.006	52.667	0.006	52.693	0.006
48.133	0.012	48.154	0.007	48.176	0.011	48.203	0.014	52.721	0.015	52.748	0.014	52.774	0.006	52.792	0.006
48.242	0.009	48.257	0.004	48.281	0.004	48.320	0.011	52.807	0.002	52.829	0.014	52.860	0.010	52.880	0.001
48.335	0.006	48.357	0.010	48.375	0.005	48.395	0.000	52.895	0.005	52.916	0.005	52.941	0.001	52.966	0.005
48.416	0.008	48.435	0.008	48.460	-0.001	48.473	-0.006	52.995	0.001	53.030	-0.004	53.053	0.000	53.091	-0.004
48.486	0.002	48.498	0.002	48.522	0.006	48.546	-0.007	53.126	-0.004	53.151	-0.004	53.182	-0.005	53.205	-0.005
48.549	-0.007	48.561	0.010	48.592	0.005	48.607	0.001	53.245	-0.014	53.271	-0.001	53.309	-0.002	53.339	-0.002
48.627	0.004	48.648	-0.001	48.660	-0.006	48.675	-0.015	53.360	0.002	53.402	0.019	53.440	0.010	53.463	0.002
48.698	-0.025	48.716	-0.018	48.741	-0.011	48.761	-0.021	53.494	0.014	53.514	0.006	53.542	0.014	53.560	0.005
48.780	-0.010	48.804	-0.015	48.827	-0.015	48.827	-0.015	53.578	0.014	53.606	0.009	53.639	0.013	53.666	0.009
48.851	-0.012	48.871	-0.016	48.886	-0.012	48.909	-0.009	53.686	-0.000	53.709	0.009	53.730	0.017	53.739	0.008
48.929	-0.009	48.942	-0.018	48.962	-0.018	48.970	-0.009	53.754	-0.000	53.770	0.008	53.786	0.011	53.792	0.007
48.992	-0.009	49.006	-0.001	49.031	0.003	49.043	-0.001	53.812	-0.001	53.836	0.007	53.860	0.011	53.886	0.007
49.056	0.003	49.081	0.008	49.087	0.008	49.100	-0.001	53.914	0.011	53.937	0.019	53.957	0.015	53.984	0.018
49.122	-0.001	49.130	0.003	49.147	0.008	49.163	0.012	54.030	0.018	54.050	0.005	54.070	0.009	54.108	0.003
49.175	0.003	49.186	-0.005	49.198	-0.001	49.213	0.007	54.128	-0.002	54.144	0.002	54.174	0.000	54.194	-0.000
49.226	0.015	49.237	0.011	49.247	0.007	49.259	-0.006	54.222	-0.001	54.250	0.010	54.269	-0.003	54.283	-0.008
49.282	-0.006	49.284	0.002	49.288	0.006	49.307	0.006	54.308	-0.005	54.323	0.003	54.343	-0.002	54.356	-0.007
49.325	-0.001	49.360	0.001	49.374	0.001	49.383	0.001	54.378	-0.008	54.401	-0.001	54.439	-0.007	54.467	-0.008
49.399	-0.008	49.416	-0.013	49.431	-0.009	49.452	-0.001	54.481	-0.013	54.501	-0.026	54.519	-0.023	54.540	-0.006
49.478	-0.006	49.498	-0.015	49.511	-0.015	49.536	-0.003	54.567	0.005	54.592	0.001	54.625	-0.013	54.646	-0.013
49.551	-0.004	49.579	-0.008	49.587	-0.008	49.609	-0.009	54.688	-0.009	54.728	-0.005	54.748	-0.003	54.768	-0.026
49.630	-0.005	49.644	-0.010	49.658	-0.014	49.692	-0.015	54.788	-0.022	54.819	-0.001	54.836	-0.001	54.864	-0.013
49.701	-0.011	49.730	-0.011	49.756	-0.011	49.779	-0.003	54.879	-0.001	54.892	-0.001	54.921	-0.001	54.946	-0.001
49.798	0.001	49.809	-0.004	49.831	-0.004	49.842	-0.004	54.966	-0.018	54.996	-0.009	55.012	-0.026	55.032	-0.009
49.857	-0.000	49.884	0.016	49.910	0.016	49.937	0.007	55.061	0.003	55.090	-0.001	55.120	-0.001	55.145	0.003
49.962	0.007	49.972	0.003	49.991	0.002	50.010	0.010	55.174	-0.006	55.195	0.003	55.217	-0.002	55.244	-0.010
50.028	0.010	50.039	0.006	50.054	0.010	50.074	0.005	55.257	-0.002	55.290	-0.002	55.324	-0.007	55.339	-0.020
50.089	-0.003	50.102	-0.008	50.127	0.001	50.150	0.000	55.354	-0.016	55.374	-0.004	55.404	-0.005	55.422	-0.013
50.175	0.000	50.195	0.000	50.219	0.000	50.240	-0.004	55.434	-0.021	55.465	-0.013	55.465	-0.014	55.490	-0.001
50.259	-0.008	50.270	-0.004	50.277	-0.000	50.287	-0.004	55.505	-0.009	55.520	-0.005	55.545	-0.004	55.557	-0.010
50.304	-0.009	50.314	-0.013	50.325	-0.009	50.344	-0.000	55.570	-0.006	55.584	-0.016	55.645	-0.016	55.662	0.000
50.360	0.012	50.385	0.008	50.405	-0.001	50.429	-0.001	55.627	-0.012	55.637	-0.016	55.722	0.004	55.758	-0.005
50.447	-0.001	50.472	0.003	50.487	0.007	50.499	0.016	55.684	0.009	55.700	-0.000	55.722	0.004	55.818	-0.011
50.517	0.016	50.527	0.011	50.542	0.003	50.554	0.015	55.772	-0.014	55.797	-0.023	55.818	-0.019	55.853	-0.011
50.585	0.028	50.614	0.028	50.640	0.015	50.670	0.002	55.878	-0.019	55.905	-0.032	55.933	-0.028	55.965	-0.029

56.006	-0.013	56.039	-0.017	56.064	-0.025	56.083	-0.013
56.108	-0.005	56.141	-0.013	56.171	-0.001	56.194	-0.005
56.222	0.003	56.245	-0.001	56.281	-0.001	56.296	0.003
56.321	0.016	56.338	0.008	56.356	0.003	56.402	0.003
56.415	-0.005	56.450	-0.001	56.475	0.011	56.493	0.007
56.508	-0.002	56.529	0.007	56.546	0.011	56.579	0.010
56.589	0.002	56.622	0.001	56.640	0.001	56.658	-0.008
56.673	-0.004	56.701	-0.009	56.726	-0.018	56.752	-0.010
56.772	-0.002	56.793	-0.007	56.812	-0.007	56.831	-0.012
56.851	-0.017	56.866	-0.017	56.886	-0.001	56.915	-0.005
56.929	-0.010	56.957	-0.023	56.972	-0.020	56.990	-0.012
57.018	-0.008	57.047	-0.013	57.074	-0.010	57.099	-0.015
57.117	-0.019	57.127	-0.015	57.143	-0.012	57.173	-0.008
57.191	-0.013	57.213	-0.022	57.243	-0.023	57.263	-0.011
57.287	-0.011	57.314	-0.025	57.334	-0.021	57.350	-0.022
57.374	-0.022	57.402	-0.019	57.436	-0.020	57.463	-0.020
57.501	-0.021	57.538	-0.031	57.572	-0.023	57.602	-0.020
57.644	-0.012	57.671	-0.000	57.711	0.003	57.757	-0.015
57.792	-0.007	57.831	-0.012	57.855	-0.012	57.885	-0.017
57.912	-0.004	57.953	-0.009	57.980	-0.018	57.983	-0.013
58.009	-0.001	58.083	-0.005	58.112	-0.001	58.159	-0.001
58.189	0.003	58.241	-0.001	58.291	-0.001	58.351	0.007
58.391	0.006	58.443	0.009	58.496	0.009	58.523	0.004
58.570	0.008	58.593	0.003	58.611	0.007	58.649	0.002
58.678	0.006	58.696	0.005	58.723	0.000	58.762	0.003
58.779	-0.001	58.829	0.006	58.875	0.008	58.912	0.003
58.945	-0.006	58.995	-0.008	59.028	-0.004	59.058	-0.005
59.088	-0.001	59.119	-0.002	59.141	0.002	59.164	0.006
59.211	0.009	59.248	0.000	59.258	0.013	59.291	0.020
59.336	0.020	59.365	0.006	59.402	0.010	59.430	0.009
59.450	0.005	59.499	0.016	59.544	0.007	59.564	0.006
59.592	0.001	59.631	0.000	59.678	0.008	59.724	0.007
59.768	0.014	59.793	0.013	59.824	0.004	59.858	-0.005
59.894	0.007	59.932	0.002	59.969	0.005	60.012	-0.005
60.056	-0.001	60.099	-0.007	60.129	-0.003	60.174	-0.013
60.215	-0.005	60.256	-0.019	60.311	-0.007	60.370	-0.001
60.413	-0.002	60.466	-0.011	60.519	-0.013	60.578	-0.006
60.631	-0.011	60.677	0.004	60.752	-0.006	60.812	0.006
60.871	0.000	60.920	-0.001	60.969	0.002	61.032	0.001
61.062	0.009	61.102	0.008	61.137	0.003	61.205	0.007
61.248	0.002	61.289	0.006	61.337	-0.003	61.374	-0.012
61.435	-0.004	61.518	-0.009	61.567	-0.006	61.614	-0.010
61.660	-0.011	61.691	-0.004	61.750	0.003	61.809	-0.004
61.850	-0.001	61.899	0.001	61.938	-0.004	61.974	-0.014
62.031	-0.007	62.103	-0.012	62.150	-0.008	62.195	-0.013
62.246	-0.022	62.287	-0.018	62.308	-0.019	62.351	-0.028
62.379	-0.024	62.437	-0.007	62.470	-0.008	62.530	-0.004
62.537	-0.009	62.578	-0.001				

IE084
71 087 2/9/71 0600PST I.A. 3407 SIXTH ST. 4TH FL. SOUTH

3290 POINTS 59.351 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, CUMULATIVELY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3073 G/10.

[illegible]

3.167	-0.207	3.170	-0.415	3.171	-0.512	3.175	-0.685	5.035	0.615	5.038	0.366	5.044	0.193	5.052	0.057
3.176	-0.871	3.183	-1.036	3.186	-1.227	3.187	-1.379	5.057	-0.019	5.068	-0.019	5.079	0.028	5.089	0.142
3.194	-1.527	3.196	-1.683	3.202	-1.814	3.208	-1.903	5.095	0.231	5.100	0.312	5.113	0.380	5.114	0.409
3.220	-1.704	3.228	-1.884	3.229	-1.260	3.233	-1.057	5.125	0.346	5.143	0.185	5.176	-0.965	5.181	-1.147
3.237	-0.773	3.241	-0.507	3.250	-0.333	3.253	-0.160	5.164	-0.496	5.170	-0.745	5.176	-0.965	5.181	-1.147
3.265	0.065	3.268	0.280	3.276	0.374	3.284	0.433	5.189	-1.295	5.197	-1.401	5.210	-1.443	5.232	-1.375
3.297	0.382	3.311	0.366	3.329	0.455	3.342	0.590	5.248	-1.282	5.253	-1.185	5.270	-1.092	5.282	-0.988
3.352	0.713	3.361	0.815	3.369	0.878	3.377	0.904	5.289	-0.821	5.292	-0.668	5.297	-0.516	5.305	-0.288
3.397	0.849	3.403	0.718	3.413	0.587	3.421	0.410	5.311	-0.013	5.317	0.279	5.325	0.542	5.333	0.888
3.426	0.249	3.447	0.084	3.451	-0.076	3.461	-0.195	5.336	1.121	5.346	1.417	5.352	1.591	5.358	1.747
3.467	-0.245	3.484	-0.287	3.500	-0.334	3.511	-0.363	5.365	1.921	5.371	2.027	5.379	2.090	5.390	2.056
3.535	-0.338	3.558	-0.401	3.567	-0.468	3.575	-0.502	5.398	1.929	5.404	1.765	5.415	1.570	5.423	1.325
3.590	-0.366	3.601	-0.218	3.614	-0.057	3.625	0.074	5.434	1.058	5.442	0.872	5.461	0.589	5.474	0.335
3.636	0.311	3.644	0.510	3.652	0.697	3.659	0.820	5.483	0.200	5.496	0.298	5.509	0.263	5.521	0.378
3.665	0.909	3.685	0.947	3.702	0.981	3.718	1.007	5.533	0.450	5.548	0.298	5.559	0.014	5.574	-0.299
3.733	0.936	3.741	0.775	3.749	0.555	3.753	0.306	5.585	-0.607	5.594	-0.806	5.602	-1.039	5.609	-1.136
3.757	0.111	3.761	-0.075	3.768	-0.286	3.773	-0.468	5.613	-1.225	5.628	-1.246	5.647	-1.119	5.659	-0.857
3.779	-0.620	3.782	-0.768	3.789	-0.861	3.790	-0.895	5.670	-0.650	5.681	-0.413	5.683	-0.193	5.696	0.027
3.801	-0.907	3.808	-0.852	3.824	-0.746	3.838	-0.716	5.697	0.217	5.715	0.315	5.731	0.196	5.747	-0.062
3.859	-0.758	3.867	-0.766	3.877	-0.728	3.888	-0.605	5.754	-0.278	5.761	-0.544	5.770	-0.735	5.778	-0.895
3.897	-0.528	3.904	-0.503	3.920	-0.541	3.934	-0.566	5.794	-0.303	5.810	-0.832	5.820	-0.604	5.834	-0.409
3.955	-0.544	3.974	-0.518	3.984	-0.480	3.997	-0.336	5.837	-0.303	5.848	-0.274	5.861	-0.346	5.878	-0.481
4.006	-0.196	4.011	-0.039	4.016	0.054	4.025	0.134	5.886	-0.549	5.897	-0.587	5.920	-0.507	5.936	-0.333
4.041	0.050	4.053	-0.144	4.070	-0.448	4.073	-0.579	5.948	-0.126	5.961	0.069	6.007	0.242	6.024	0.424
4.085	-0.753	4.097	-0.875	4.115	-0.963	4.125	-1.018	5.986	0.547	5.999	0.669	6.007	0.745	6.018	0.953
4.131	-1.065	4.142	-0.980	4.157	-0.777	4.165	-0.552	6.028	1.185	6.032	1.367	6.040	1.587	6.045	1.727
4.174	-0.315	4.179	-0.108	4.189	0.028	4.197	0.176	6.052	1.820	6.056	1.871	6.072	1.896	6.088	1.807
4.205	0.303	4.217	0.447	4.228	0.625	4.235	0.769	6.101	1.872	6.113	1.499	6.120	1.279	6.126	1.097
4.240	0.976	4.244	1.128	4.254	1.272	4.259	1.425	6.133	0.839	6.141	0.636	6.144	0.412	6.152	0.281
4.271	1.535	4.284	1.459	4.292	1.366	4.307	1.205	6.161	0.146	6.168	0.045	6.179	-0.061	6.191	-0.112
4.311	1.074	4.318	0.880	4.329	0.596	4.332	0.381	6.201	-0.149	6.212	-0.141	6.225	-0.124	6.241	-0.136
4.340	0.207	4.346	0.038	4.361	0.115	4.370	0.386	6.254	-0.077	6.275	0.017	6.286	0.148	6.299	0.296
4.378	0.631	4.381	0.779	4.388	1.143	4.396	1.498	6.305	0.385	6.313	0.457	6.321	0.474	6.339	0.437
4.405	1.799	4.415	1.973	4.424	2.019	4.432	1.918	6.332	0.318	6.358	0.162	6.368	-0.033	6.378	-0.252
4.439	1.787	4.445	1.563	4.450	1.309	4.458	-0.053	6.386	-0.459	6.390	-0.586	6.395	-0.641	6.403	-0.688
4.464	0.696	4.472	0.404	4.477	0.146	4.488	-0.053	6.405	-0.717	6.411	-0.734	6.426	-0.704	6.446	-0.539
4.493	-0.281	4.499	-0.535	4.504	-0.738	4.514	-0.949	6.461	-0.361	6.479	-0.213	6.493	-0.056	6.507	0.202
4.522	-1.190	4.526	-1.401	4.536	-1.625	4.541	-1.727	6.520	0.308	6.530	0.457	6.543	0.609	6.556	0.749
4.552	-1.845	4.558	-1.909	4.573	-1.942	4.581	-1.883	6.564	0.863	6.570	0.914	6.584	0.965	6.597	0.898
4.585	-1.735	4.593	-1.379	4.597	-1.151	4.603	-1.053	6.608	0.750	6.621	0.560	6.628	0.374	6.677	0.226
4.609	-0.753	4.616	-0.431	4.622	-0.258	4.624	-0.072	6.647	-0.099	6.658	0.053	6.671	-0.006	6.677	-0.074
4.628	0.106	4.635	0.237	4.643	0.280	4.649	0.128	6.687	-0.091	6.710	-0.099	6.729	-0.196	6.750	-0.453
4.667	-0.054	4.671	-0.249	4.679	-0.456	4.683	-0.625	6.768	-0.698	6.787	-0.884	6.800	-1.146	6.803	-1.324
4.698	-0.798	4.713	-0.616	4.725	-0.387	4.729	-0.210	6.813	-1.446	6.818	-1.518	6.829	-1.594	6.841	-1.518
4.732	0.036	4.738	0.294	4.745	0.476	4.749	0.641	6.855	-1.314	6.862	-1.035	6.870	-0.806	6.875	-0.612
4.757	0.950	4.762	1.225	4.768	1.390	4.771	1.529	6.884	-0.421	6.892	-0.235	6.894	-0.116	6.899	-0.019
4.781	1.559	4.789	1.572	4.797	1.538	4.806	1.462	6.900	0.036	6.910	0.049	6.918	0.032	6.929	0.035
4.813	1.340	4.819	1.251	4.829	1.205	4.841	1.158	6.938	-0.069	6.958	-0.077	6.965	-0.047	6.978	0.050
4.848	1.061	4.854	0.913	4.859	0.693	4.865	0.428	6.989	0.228	6.996	0.372	7.002	0.512	7.013	0.719
4.870	0.105	4.871	-0.187	4.878	-0.508	4.883	-0.724	7.020	0.876	7.026	0.931	7.038	1.020	7.054	1.092
4.884	-0.859	4.889	-1.087	4.895	-1.210	4.902	-1.337	7.068	1.135	7.075	1.164	7.097	1.190	7.107	1.140
4.908	-1.451	4.916	-1.375	4.922	-1.290	4.928	-1.078	7.120	1.021	7.141	0.763	7.152	0.560	7.164	0.365
4.933	-0.867	4.937	-0.697	4.940	-0.350	4.948	-0.071	7.180	0.213	7.191	0.044	7.202	-0.164	7.215	-0.396
4.952	0.191	4.956	0.420	4.964	0.690	4.965	0.805	7.228	-0.532	7.238	-0.612	7.249	-0.642	7.267	-0.570
4.968	1.050	4.976	1.211	4.981	1.308	4.984	1.397	7.277	-0.367	7.288	-0.177	7.293	-0.075	7.304	-0.033
4.992	1.410	5.008	1.241	5.019	1.055	5.030	0.844	7.316	-0.118	7.325	-0.278	7.337	-0.414	7.348	-0.608

7.358	-0.795	7.364	-0.939	7.369	-1.053	7.375	-1.112	10.156	0.617	10.167	0.588	10.188	0.448	10.213	0.224
7.385	-1.116	7.396	-1.070	7.409	-0.867	7.421	-0.685	10.237	0.038	10.262	-0.051	10.275	-0.085	10.294	-0.098
7.427	-0.486	7.429	-0.304	7.437	-0.118	7.443	0.051	10.310	-0.088	10.322	-0.022	10.333	0.003	10.351	-0.032
7.448	0.212	7.456	0.339	7.466	0.427	7.480	0.520	10.373	-0.052	10.392	-0.149	10.408	-0.246	10.422	-0.293
7.485	0.550	7.498	0.567	7.508	0.495	7.514	0.402	10.436	-0.263	10.455	-0.128	10.466	-0.077	10.466	0.045
7.519	0.313	7.526	0.203	7.532	0.046	7.534	-0.034	10.476	0.236	10.485	0.308	10.493	0.426	10.500	0.519
7.540	-0.216	7.547	-0.449	7.550	-0.622	7.553	-0.728	10.506	0.570	10.511	0.616	10.516	0.616	10.530	0.574
7.564	-0.796	7.571	-0.868	7.582	-0.880	7.584	-0.796	10.547	0.434	10.561	0.274	10.574	-0.221	10.580	-0.099
7.610	-0.660	7.618	-0.534	7.627	-0.386	7.634	-0.242	10.588	-0.192	10.601	-0.230	10.609	-0.067	10.620	-0.183
7.637	-0.119	7.647	0.008	7.648	0.063	7.653	0.117	10.633	-0.081	10.650	-0.005	10.669	0.063	10.679	0.109
7.666	0.126	7.673	0.058	7.686	-0.001	7.695	-0.018	10.685	-0.135	10.699	0.105	10.721	0.067	10.743	0.031
7.703	-0.031	7.718	0.002	7.727	0.053	7.734	0.095	10.756	-0.131	10.770	-0.194	10.789	-0.118	10.810	0.043
7.745	0.133	7.758	0.158	7.779	0.226	7.795	0.327	10.819	0.136	10.827	0.195	10.838	0.233	10.851	0.250
7.806	0.450	7.811	0.530	7.823	0.572	7.847	0.513	10.904	-0.259	10.866	0.225	10.884	0.048	10.898	-0.075
7.858	0.360	7.863	0.187	7.876	0.000	7.881	-0.228	10.977	-0.007	10.996	0.006	11.015	-0.015	11.024	-0.032
7.898	-0.465	7.906	-0.732	7.918	-0.918	7.934	-1.083	11.046	-0.048	11.059	-0.095	11.087	-0.154	11.084	-0.154
7.937	-1.160	7.953	-1.181	7.969	-1.135	7.992	-0.991	11.095	-0.188	11.112	-0.213	11.128	-0.234	11.149	-0.174
8.015	-0.848	8.023	-0.598	8.036	-0.387	8.053	-0.218	11.168	-0.060	11.177	0.016	11.194	0.109	11.204	0.147
8.069	-0.028	8.089	0.180	8.106	0.345	8.124	0.522	11.210	0.164	11.220	0.169	11.232	0.118	11.243	0.017
8.137	1.062	8.150	0.793	8.158	0.899	8.165	0.984	11.256	-0.055	11.269	-0.106	11.286	-0.068	11.302	0.008
8.169	1.005	8.177	1.013	8.186	0.996	8.198	0.916	11.311	0.059	11.325	0.097	11.344	0.034	11.368	-0.080
8.215	0.819	8.227	0.650	8.232	0.362	8.242	0.087	11.384	-0.156	11.390	-0.215	11.407	-0.287	11.420	-0.291
8.253	-0.116	8.265	-0.226	8.269	-0.323	8.281	-0.370	11.433	-0.274	11.444	-0.223	11.467	-0.126	11.481	-0.029
8.294	-0.404	8.307	-0.416	8.324	-0.429	8.339	-0.382	11.571	-0.121	11.589	-0.051	11.601	-0.282	11.620	-0.320
8.355	-0.272	8.363	-0.222	8.373	-0.209	8.378	-0.192	11.638	-0.400	11.660	-0.430	11.679	-0.464	11.690	-0.472
8.391	-0.217	8.408	-0.323	8.418	-0.420	8.429	-0.488	11.704	-0.447	11.717	-0.396	11.730	-0.320	11.749	-0.163
8.441	-0.522	8.452	-0.488	8.463	-0.412	8.474	-0.234	11.761	-0.049	11.776	0.065	11.785	0.116	11.798	0.133
8.481	-0.056	8.489	0.134	8.499	0.227	8.502	0.324	11.811	0.154	11.831	0.162	11.843	0.137	11.862	0.061
8.512	0.388	8.526	0.295	8.539	0.210	8.550	0.130	11.874	0.006	11.893	-0.034	11.911	-0.096	11.920	-0.155
8.563	0.100	8.578	0.138	8.591	0.172	8.599	0.130	11.938	-0.189	11.957	-0.231	11.971	-0.295	11.989	-0.346
8.620	0.058	8.634	-0.026	8.660	-0.208	8.679	-0.406	12.002	-0.380	12.021	-0.405	12.041	-0.380	12.064	-0.278
8.689	-0.660	8.700	-0.787	8.715	-0.859	8.733	-0.774	12.080	-0.194	12.081	-0.194	12.088	-0.143	12.094	-0.118
8.741	-0.613	8.750	-0.419	8.757	-0.207	8.765	-0.042	12.107	-0.105	12.111	-0.118	12.124	-0.135	12.135	-0.152
8.810	0.889	8.816	0.931	8.826	0.961	8.837	0.902	12.150	-0.143	12.161	-0.122	12.173	-0.016	12.193	0.081
8.853	0.691	8.868	0.454	8.881	0.230	8.900	-0.024	12.201	0.174	12.218	0.237	12.231	0.271	12.252	0.301
8.916	-0.206	8.931	-0.333	8.937	-0.375	8.948	-0.409	12.269	0.305	12.288	0.317	12.301	0.283	12.323	0.186
8.966	-0.421	8.989	-0.370	9.005	-0.319	9.018	-0.298	12.343	0.110	12.365	0.042	12.378	0.017	12.392	0.008
9.037	-0.349	9.055	-0.420	9.068	-0.446	9.084	-0.374	12.405	0.033	12.426	0.093	12.443	0.152	12.462	0.198
9.106	-0.264	9.124	-0.128	9.140	0.041	9.153	0.193	12.475	0.232	12.496	0.236	12.518	0.249	12.531	0.253
9.164	0.295	9.175	0.434	9.195	0.684	9.209	0.921	12.545	0.244	12.560	0.198	12.572	0.172	12.593	0.168
9.217	1.018	9.223	1.065	9.236	1.099	9.258	1.001	12.622	0.159	12.646	0.155	12.659	0.151	12.673	0.143
9.265	0.756	9.274	0.498	9.285	0.189	9.292	-0.149	12.686	0.151	12.699	0.168	12.710	0.193	12.719	0.210
9.306	-0.357	9.319	-0.445	9.337	-0.479	9.354	-0.450	12.734	0.219	12.748	0.206	12.770	0.176	12.789	0.134
9.373	-0.319	9.391	-0.238	9.408	-0.006	9.431	0.320	12.799	0.092	12.812	0.079	12.820	0.092	12.837	0.147
9.447	0.566	9.463	0.701	9.470	0.756	9.478	0.777	12.863	0.308	12.875	0.422	12.885	0.544	12.896	0.676
9.494	0.697	9.509	0.557	9.520	0.451	9.545	0.231	12.907	0.798	12.915	0.853	12.920	0.574	12.933	0.925
9.571	-0.052	9.600	-0.323	9.624	-0.429	9.627	-0.479	12.949	0.908	12.960	0.790	12.979	0.574	12.990	0.430
9.662	-0.412	9.689	-0.302	9.713	-0.230	9.727	-0.129	13.003	0.346	13.017	0.236	13.031	0.159	13.049	0.088
9.746	0.044	9.771	0.273	9.789	0.446	9.800	0.611	13.068	0.024	13.085	-0.001	13.105	-0.010	13.130	-0.010
9.808	0.776	9.816	0.826	9.827	0.890	9.846	0.919	13.151	0.007	13.170	0.024	13.189	0.088	13.206	0.194
9.857	0.839	9.888	0.648	9.904	0.487	9.928	0.301	13.216	0.270	13.227	0.329	13.238	0.355	13.251	0.397
9.941	0.170	9.972	-0.107	9.993	-0.253	10.010	-0.368	13.265	0.418	13.276	0.414	13.299	0.401	13.316	0.389
10.026	-0.419	10.040	-0.427	10.061	-0.389	10.078	-0.322	13.324	0.368	13.337	0.330	13.359	0.266	13.375	0.194
10.088	-0.241	10.094	-0.085	10.109	0.110	10.116	0.207	13.396	0.131	13.413	0.072	13.429	-0.004	13.442	-0.034
10.124	0.338	10.131	0.461	10.137	0.528	10.143	0.562								

13.452	-0.046	13.463	-0.017	13.487	0.072	13.499	0.127	16.753	-0.122	16.770	-0.185	16.787	-0.227	16.806	-0.257
13.520	0.149	13.534	0.111	13.558	0.051	13.572	0.018	16.829	-0.286	16.850	-0.307	16.864	-0.324	16.873	-0.328
13.584	-0.003	13.603	0.009	13.615	0.056	13.628	0.072	16.886	-0.315	16.905	-0.329	16.914	-0.325	16.934	-0.197
13.641	0.085	13.654	0.060	13.673	-0.059	13.695	-0.215	16.950	-0.167	16.961	-0.150	16.973	-0.146	16.987	-0.179
13.712	-0.385	13.728	-0.516	13.741	-0.639	13.751	-0.715	17.001	-0.205	17.012	-0.209	17.020	-0.192	17.036	-0.171
13.763	-0.761	13.779	-0.770	13.800	-0.740	13.826	-0.664	17.048	-0.141	17.062	-0.128	17.069	-0.120	17.086	-0.116
13.845	-0.588	13.867	-0.529	13.878	-0.432	13.889	-0.356	17.092	-0.137	17.106	-0.127	17.119	-0.293	17.136	-0.365
13.897	-0.280	13.910	-0.233	13.926	-0.178	13.942	-0.145	17.144	-0.391	17.155	-0.391	17.169	-0.374	17.194	-0.302
13.978	-0.107	13.993	-0.085	14.004	-0.073	14.018	-0.048	17.218	-0.205	17.235	-0.154	17.255	-0.133	17.270	-0.133
14.034	-0.039	14.050	-0.069	14.063	-0.196	14.076	-0.323	17.282	-0.138	17.306	-0.108	17.329	-0.024	17.347	-0.053
14.088	-0.416	14.098	-0.458	14.106	-0.517	14.119	-0.534	17.358	0.099	17.369	0.129	17.381	0.137	17.396	0.090
14.133	-0.488	14.154	-0.353	14.162	-0.179	14.169	-0.065	17.416	0.035	17.432	-0.024	17.446	-0.058	17.466	-0.062
14.179	0.011	14.187	0.083	14.192	0.112	14.201	0.125	17.484	-0.054	17.495	-0.041	17.510	-0.062	17.534	-0.109
14.227	0.099	14.244	0.053	14.267	-0.007	14.280	-0.066	17.547	-0.117	17.564	-0.122	17.580	-0.105	17.597	-0.071
14.309	-0.096	14.343	-0.096	14.362	-0.104	14.380	-0.138	17.611	-0.050	17.640	-0.038	17.655	-0.029	17.679	0.034
14.405	-0.185	14.426	-0.194	14.459	-0.185	14.481	-0.177	17.714	0.182	17.738	0.304	17.751	0.347	17.770	0.385
14.505	-0.152	14.526	-0.063	14.545	0.021	14.564	0.106	17.787	0.355	17.819	0.266	17.856	0.211	17.885	0.194
14.577	0.182	14.583	0.211	14.596	0.237	14.609	0.228	17.910	0.172	17.928	0.193	17.952	0.223	17.974	0.231
14.628	0.207	14.648	0.139	14.661	0.038	14.677	-0.068	17.999	0.214	18.023	0.247	18.163	0.256	18.184	0.239
14.687	-0.127	14.699	-0.169	14.712	-0.178	14.735	-0.191	18.106	0.230	18.125	0.247	18.163	0.256	18.184	0.239
14.754	-0.199	14.768	-0.191	14.782	-0.165	14.798	-0.072	18.215	0.230	18.245	0.251	18.267	0.268	18.290	0.239
14.814	0.080	14.826	0.173	14.835	0.245	14.843	0.271	18.315	0.171	18.330	0.103	18.347	0.053	18.368	0.027
14.859	0.321	14.874	0.334	14.889	0.347	14.907	0.359	18.405	0.044	18.445	0.061	18.463	0.031	18.488	-0.032
14.928	0.364	14.939	0.351	14.953	0.321	14.965	0.224	18.514	-0.091	18.547	-0.125	18.567	-0.168	18.586	-0.210
14.985	0.106	14.997	0.038	15.012	0.021	15.035	0.034	18.624	-0.202	18.647	-0.194	18.671	-0.173	18.693	-0.211
15.056	0.034	15.075	0.029	15.089	0.025	15.105	0.024	18.719	-0.250	18.779	-0.386	18.837	-0.238	18.846	-0.141
15.124	0.066	15.137	0.084	15.158	0.173	15.174	0.274	18.865	-0.073	18.875	-0.057	18.894	-0.086	18.924	-0.121
15.243	0.414	15.260	0.308	15.283	0.189	15.302	0.452	18.948	-0.091	18.977	-0.074	18.996	-0.087	19.007	-0.005
15.318	-0.043	15.337	-0.128	15.350	-0.166	15.369	-0.175	19.019	-0.105	19.038	-0.096	19.066	-0.054	19.079	-0.087
15.388	-0.171	15.414	-0.031	15.431	0.070	15.441	0.121	19.097	-0.055	19.118	0.085	19.140	0.046	19.162	-0.013
15.451	0.138	15.465	0.155	15.473	0.129	15.484	0.079	19.173	-0.094	19.186	-0.149	19.197	-0.175	19.210	-0.209
15.502	-0.002	15.513	-0.049	15.526	-0.091	15.535	-0.112	19.234	-0.214	19.252	-0.176	19.276	-0.100	19.300	-0.049
15.556	-0.087	15.567	-0.028	15.588	0.048	15.599	0.103	19.319	-0.003	19.340	-0.008	19.360	0.017	19.383	0.051
15.607	0.112	15.619	0.125	15.627	0.129	15.636	0.112	19.399	0.067	19.421	0.075	19.447	0.075	19.456	0.083
15.649	0.057	15.660	0.006	15.670	-0.053	15.683	-0.125	19.536	0.374	19.548	0.399	19.554	0.412	19.573	0.416
15.692	-0.146	15.700	-0.172	15.708	-0.184	15.719	-0.168	19.591	0.403	19.616	0.369	19.640	0.309	19.664	0.267
15.729	-0.125	15.740	-0.066	15.752	0.006	15.757	0.061	19.683	0.216	19.698	0.199	19.711	0.224	19.730	0.279
15.762	0.086	15.778	0.112	15.779	0.128	15.791	0.107	19.744	0.317	19.760	0.342	19.788	0.304	19.801	0.261
15.806	0.061	15.822	0.035	15.837	-0.007	15.846	-0.011	19.813	0.223	19.831	0.214	19.844	0.244	19.857	0.278
15.856	0.096	15.867	0.023	15.884	0.090	15.895	0.141	19.866	0.311	19.873	0.333	19.886	0.345	19.903	0.320
15.903	0.183	15.908	0.213	15.918	0.247	15.925	0.247	19.921	0.264	19.934	0.190	19.948	0.112	19.971	0.074
15.935	0.221	15.943	0.162	15.962	0.090	15.981	0.035	19.993	0.061	20.027	0.031	20.057	0.010	20.072	-0.003
15.994	-0.003	16.005	-0.020	16.022	0.005	16.040	0.073	20.086	-0.003	20.102	0.018	20.120	0.073	20.133	0.111
16.064	0.166	16.081	0.229	16.095	0.280	16.108	0.306	20.143	0.132	20.152	0.145	20.170	0.140	20.187	0.115
16.113	0.113	16.122	0.335	16.138	0.331	16.154	0.314	20.208	0.068	20.224	0.043	20.242	0.026	20.270	0.018
16.167	0.276	16.179	0.226	16.198	0.150	16.208	0.095	20.294	0.009	20.309	0.001	20.328	-0.046	20.344	-0.097
16.220	0.081	16.228	0.027	16.241	0.036	16.255	0.057	20.371	-0.164	20.384	-0.190	20.401	-0.211	20.420	-0.211
16.264	0.087	16.277	0.112	16.289	0.129	16.311	0.095	20.440	-0.198	20.460	-0.134	20.478	-0.202	20.497	-0.194
16.330	-0.014	16.346	-0.023	16.360	-0.069	16.371	-0.099	20.510	-0.173	20.524	-0.122	20.531	-0.088	20.540	-0.088
16.385	-0.099	16.395	-0.061	16.411	0.011	16.428	0.083	20.550	-0.096	20.573	-0.219	20.594	-0.227	20.609	-0.261
16.437	0.113	16.448	0.130	16.462	0.130	16.468	0.122	20.631	-0.291	20.653	-0.139	20.665	-0.138	20.679	-0.092
16.497	0.105	16.516	0.088	16.538	0.097	16.554	0.110	20.698	-0.066	20.722	-0.100	20.752	-0.176	20.772	-0.210
16.569	0.118	16.582	0.089	16.593	0.059	16.605	0.047	20.792	-0.222	20.829	-0.138	20.829	-0.138	20.848	-0.116
16.617	0.034	16.635	0.047	16.654	0.055	16.662	0.055	20.870	-0.104	20.894	-0.095	20.909	-0.070	20.937	-0.048
16.676	0.064	16.687	0.051	16.709	0.005	16.731	-0.063	20.955	-0.057	21.017	-0.056	21.039	-0.056	21.075	-0.056

21.087	-0.044	21.110	0.037	21.126	0.096	21.145	0.155	25.998	0.047	26.023	0.057	26.041	0.139	26.060	0.173
21.167	0.189	21.175	0.219	21.194	0.210	21.215	0.185	26.068	0.148	26.112	0.042	26.144	-0.073	26.157	-0.077
21.239	0.138	21.250	0.104	21.263	0.104	21.292	0.071	26.171	-0.052	26.200	0.071	26.216	0.100	26.227	0.134
21.314	0.062	21.334	0.054	21.354	0.033	21.385	0.071	26.245	0.142	26.266	0.159	26.286	0.070	26.302	0.045
21.394	0.126	21.407	0.147	21.425	0.159	21.434	0.159	26.347	0.044	26.376	0.057	26.405	0.069	26.418	0.082
21.452	0.143	21.494	0.088	21.524	0.062	21.542	0.062	26.440	0.082	26.469	0.069	26.496	0.052	26.514	0.035
21.561	0.096	21.585	0.164	21.609	0.201	21.625	0.214	26.551	0.034	26.584	0.034	26.591	0.034	26.612	0.017
21.657	0.184	21.689	0.074	21.718	-0.003	21.732	-0.041	26.626	-0.008	26.642	-0.009	26.689	-0.005	26.719	-0.005
21.745	-0.083	21.758	-0.075	21.773	-0.041	21.789	0.051	26.737	-0.060	26.764	-0.137	26.793	-0.188	26.800	-0.204
21.815	0.119	21.828	0.161	21.842	0.178	21.853	0.186	26.822	-0.209	26.832	-0.192	26.861	-0.116	26.884	-0.032
21.893	0.161	21.910	0.092	21.946	0.016	21.968	-0.035	26.897	0.040	26.913	0.065	26.922	0.091	26.935	0.107
21.993	-0.133	22.012	-0.196	22.024	-0.230	22.033	-0.247	26.948	0.124	26.961	0.120	26.972	0.111	27.005	0.065
22.057	-0.205	22.071	-0.146	22.087	-0.079	22.108	-0.045	27.030	0.001	27.050	-0.054	27.087	-0.114	27.108	-0.131
22.121	-0.075	22.148	-0.172	22.180	-0.194	22.189	-0.220	27.138	-0.089	27.167	-0.034	27.190	0.004	27.206	0.029
22.208	-0.224	22.227	-0.186	22.248	-0.102	22.259	-0.039	27.250	0.003	27.282	-0.001	27.301	0.016	27.320	0.045
22.272	-0.001	22.294	0.028	22.316	0.058	22.329	0.083	27.359	0.053	27.383	0.019	27.416	-0.049	27.441	-0.091
22.343	0.095	22.368	0.052	22.383	-0.062	22.403	-0.113	27.456	-0.112	27.477	-0.075	27.503	0.001	27.525	0.086
22.413	-0.151	22.427	-0.168	22.448	-0.118	22.476	-0.021	27.540	0.132	27.551	0.174	27.578	0.200	27.602	0.166
22.497	0.076	22.506	0.110	22.538	0.143	22.547	0.172	27.630	0.128	27.654	0.094	27.677	0.022	27.709	0.157
22.570	0.177	22.592	0.160	22.617	0.092	22.633	0.015	27.731	0.153	27.770	0.090	27.797	0.035	27.918	0.069
22.654	-0.044	22.673	-0.082	22.681	-0.103	22.704	-0.036	27.841	-0.029	27.865	0.001	27.887	0.035	27.918	0.069
22.734	0.091	22.745	0.125	22.840	0.044	22.860	0.014	27.958	0.094	27.993	0.111	28.024	0.111	28.045	0.086
22.886	0.031	22.923	0.082	22.964	0.145	22.990	0.073	28.194	0.034	28.214	0.055	28.228	0.035	28.254	0.033
23.005	-0.212	23.028	0.238	23.047	0.204	23.069	0.073	28.397	-0.021	28.416	-0.093	28.429	-0.118	28.450	-0.106
23.089	-0.025	23.103	-0.075	23.114	-0.080	23.140	-0.054	28.546	-0.112	28.573	-0.179	28.599	-0.137	28.630	-0.125
23.177	0.009	23.196	0.077	23.211	0.107	23.220	0.123	28.663	-0.212	28.686	-0.091	28.705	-0.066	28.737	-0.054
23.241	0.102	23.280	0.005	23.309	-0.067	23.337	-0.092	28.770	-0.050	28.796	-0.042	28.820	-0.025	28.848	0.004
23.353	-0.097	23.372	-0.046	23.391	0.009	23.411	0.077	28.882	0.037	28.912	0.007	28.947	-0.001	28.970	-0.010
23.437	0.107	23.464	0.060	23.495	-0.025	23.519	-0.092	28.997	-0.036	29.021	-0.062	29.046	-0.075	29.069	-0.058
23.533	-0.113	23.574	-0.097	23.601	-0.093	23.623	-0.114	29.097	-0.012	29.118	0.013	29.144	0.034	29.179	0.060
23.652	-0.144	23.679	-0.152	23.704	-0.106	23.726	-0.056	29.218	0.085	29.245	0.097	29.266	0.089	29.290	0.093
23.738	-0.022	23.757	-0.001	23.773	-0.047	23.800	-0.187	29.323	0.122	29.344	0.152	29.364	0.185	29.378	0.173
23.816	-0.242	23.835	-0.272	23.854	-0.234	23.875	-0.133	29.482	0.062	29.494	0.096	29.442	0.054	29.459	0.041
23.894	-0.087	23.911	-0.116	23.932	0.094	24.055	0.145	29.559	0.100	29.581	0.117	29.602	0.138	29.615	0.138
23.980	-0.125	24.007	0.001	24.034	0.094	24.144	0.144	29.632	0.104	29.661	0.057	29.677	0.027	29.685	0.019
24.072	0.174	24.103	0.195	24.122	0.182	24.144	0.144	29.712	0.036	29.731	0.052	29.746	0.069	29.759	0.069
24.182	0.080	24.238	-0.001	24.265	-0.008	24.288	-0.010	29.778	0.065	29.791	0.044	29.797	0.027	29.811	-0.003
24.315	-0.002	24.340	0.115	24.423	0.115	24.450	0.120	29.823	-0.011	29.842	-0.012	29.869	0.009	29.894	0.018
24.406	0.141	24.423	0.115	24.450	0.068	24.476	0.164	29.918	-0.003	29.937	-0.008	29.953	-0.008	29.978	0.005
24.489	-0.034	24.508	-0.047	24.527	-0.000	24.545	0.084	30.002	0.017	30.021	0.017	30.035	0.021	30.053	-0.004
24.570	0.160	24.583	0.135	24.680	0.164	24.699	0.257	30.065	-0.021	30.075	-0.042	30.087	-0.076	30.095	-0.093
24.642	0.143	24.726	0.320	24.733	0.333	24.781	0.197	30.110	-0.021	30.129	-0.085	30.143	-0.085	30.160	-0.051
24.709	0.096	24.832	0.020	24.852	0.002	24.894	0.002	30.175	-0.030	30.186	-0.021	30.205	-0.051	30.224	-0.068
24.811	-0.038	24.951	0.108	24.983	0.053	25.017	0.002	30.239	-0.073	30.255	-0.056	30.277	-0.044	30.291	-0.040
24.927	0.087	25.074	-0.028	25.106	-0.020	25.140	-0.041	30.307	-0.065	30.322	-0.087	30.341	-0.116	30.358	-0.121
25.044	-0.024	25.181	-0.062	25.211	-0.029	25.235	0.026	30.378	-0.113	30.416	-0.071	30.437	-0.059	30.466	-0.055
25.155	-0.056	25.181	-0.062	25.211	-0.029	25.235	0.026	30.488	-0.025	30.515	0.004	30.531	0.004	30.563	-0.035
25.259	0.054	25.280	0.068	25.311	0.077	25.336	0.089	30.577	-0.077	30.597	-0.099	30.614	-0.099	30.641	-0.087
25.365	0.093	25.373	0.093	25.402	0.064	25.419	0.030	30.670	-0.057	30.691	-0.119	30.710	-0.020	30.730	0.018
25.443	-0.038	25.463	-0.144	25.471	-0.169	25.482	-0.203	30.747	0.056	30.781	0.119	30.797	0.161	30.818	0.190
25.495	-0.212	25.517	-0.170	25.541	-0.085	25.555	-0.060	30.832	0.216	30.855	0.228	30.875	0.223	30.891	0.181
25.581	-0.034	25.597	-0.068	25.624	-0.086	25.642	-0.086	30.903	0.126	30.914	0.037	30.923	-0.056	30.935	-0.128
25.656	-0.069	25.675	-0.048	25.695	-0.031	25.735	-0.027								
25.770	-0.015	25.789	0.036	25.810	0.061	25.821	0.065								
25.850	0.044	25.892	0.026	25.945	0.026	25.969	0.030								

30.943	-0.196	30.954	-0.247	30.971	-0.209	30.983	-0.146	36.055	0.056	36.055	0.022	36.140	0.009	36.177	0.018
30.994	-0.074	31.004	-0.011	31.010	0.036	31.026	0.052	36.205	-0.008	36.234	-0.012	36.269	0.013	36.295	0.050
31.039	0.018	31.052	-0.007	31.064	0.016	31.090	0.288	36.317	0.084	36.340	0.097	36.370	0.058	36.388	0.011
31.109	0.094	31.122	0.148	31.133	0.216	31.149	0.300	36.410	-0.031	36.445	-0.027	36.472	-0.028	36.493	0.011
31.161	0.330	31.172	0.359	31.180	0.359	31.197	0.334	36.524	-0.037	36.556	-0.003	36.605	0.047	36.627	0.030
31.217	0.279	31.236	0.220	31.255	0.131	31.273	0.063	36.655	0.029	36.687	0.037	36.723	0.033	36.751	0.011
31.292	0.012	31.308	-0.030	31.324	-0.090	31.344	-0.132	36.774	-0.023	36.811	-0.058	36.829	-0.096	36.843	-0.100
31.356	-0.149	31.376	-0.124	31.391	-0.077	31.407	-0.022	36.866	-0.101	36.888	-0.101	36.925	-0.042	36.955	-0.016
31.421	0.011	31.440	0.037	31.461	0.045	31.477	0.054	36.979	0.041	37.009	0.028	37.030	-0.006	37.054	-0.045
31.498	0.108	31.514	0.151	31.528	0.197	31.551	0.235	37.078	-0.075	37.105	-0.083	37.132	-0.075	37.158	-0.075
31.572	0.197	31.591	0.138	31.607	0.057	31.621	-0.011	37.188	-0.071	37.216	-0.008	37.241	0.004	37.267	0.034
31.637	-0.095	31.650	-0.150	31.669	-0.239	31.682	-0.269	37.302	-0.000	37.347	-0.069	37.374	-0.043	37.426	-0.018
31.704	-0.235	31.731	-0.172	31.755	-0.133	31.773	-0.125	37.446	-0.031	37.475	-0.040	37.504	-0.028	37.533	-0.032
31.786	-0.121	31.805	-0.091	31.823	0.002	31.839	0.078	37.559	-0.036	37.586	-0.037	37.620	-0.001	37.645	-0.026
31.853	0.137	31.867	0.150	31.888	0.078	31.901	-0.011	37.668	0.030	37.692	0.005	37.721	-0.038	37.750	-0.063
31.912	-0.070	31.925	-0.117	31.938	-0.121	31.954	-0.121	37.784	-0.034	37.818	0.000	37.850	0.034	37.888	0.055
31.986	-0.125	32.005	-0.197	32.018	-0.265	32.029	-0.311	37.917	0.034	37.940	0.017	37.972	-0.026	38.003	-0.047
32.043	-0.349	32.067	-0.294	32.085	-0.218	32.099	-0.146	38.028	-0.043	38.062	-0.026	38.114	-0.014	38.141	-0.001
32.107	-0.121	32.125	-0.100	32.143	-0.087	32.157	-0.087	38.164	-0.005	38.191	-0.014	38.217	-0.014	38.247	-0.018
32.175	-0.083	32.197	-0.015	32.215	0.044	32.233	0.069	38.279	-0.018	38.308	-0.019	38.343	-0.035	38.369	-0.048
32.252	0.057	32.273	-0.003	32.292	-0.075	32.307	-0.134	38.393	-0.074	38.411	-0.095	38.438	-0.095	38.473	-0.065
32.321	-0.159	32.357	-0.163	32.395	-0.134	32.416	-0.126	38.499	-0.023	38.525	-0.002	38.549	-0.006	38.574	-0.011
32.444	-0.117	32.471	-0.075	32.500	-0.012	32.531	0.065	38.736	-0.032	38.757	-0.011	38.797	-0.015	38.832	-0.062
32.545	0.073	32.577	0.035	32.605	-0.007	32.619	-0.033	38.865	-0.028	38.897	-0.040	38.929	-0.066	38.947	-0.066
32.653	0.001	32.686	0.009	32.721	-0.029	32.750	-0.059	38.977	-0.028	39.004	0.002	39.031	0.019	39.059	0.002
32.794	0.004	32.817	0.068	32.841	0.135	32.862	0.173	39.086	-0.019	39.118	0.002	39.137	0.023	39.170	0.002
32.964	0.007	32.991	0.041	33.011	0.041	33.037	0.016	39.197	0.027	39.222	-0.019	39.239	-0.032	39.263	-0.011
33.056	-0.010	33.080	-0.036	33.101	-0.027	33.127	-0.015	39.281	-0.015	39.307	-0.036	39.337	-0.062	39.368	-0.002
33.156	-0.006	33.189	0.010	33.229	0.057	33.262	0.078	39.392	0.040	39.421	0.036	39.455	-0.023	39.477	0.031
33.299	0.099	33.323	0.120	33.350	0.090	33.376	0.030	39.509	0.048	39.532	0.015	39.548	-0.015	39.570	0.045
33.396	-0.033	33.422	-0.088	33.438	-0.143	33.459	-0.144	39.596	-0.032	39.630	-0.015	39.657	-0.011	39.689	-0.002
33.504	-0.080	33.542	-0.013	33.564	0.029	33.601	0.054	39.710	0.002	39.740	0.006	39.769	-0.002	39.793	-0.019
33.630	0.058	33.676	0.054	33.700	0.003	33.729	-0.073	39.819	-0.028	39.846	-0.032	39.879	-0.002	39.908	-0.032
33.759	-0.120	33.783	-0.091	33.802	-0.074	33.823	-0.082	39.927	-0.019	39.951	-0.002	39.974	0.002	39.998	-0.015
33.855	-0.091	33.887	-0.045	33.912	0.010	33.946	0.069	40.023	-0.045	40.044	-0.078	40.063	-0.104	40.089	-0.104
33.976	0.103	34.000	0.115	34.023	0.098	34.050	0.030	40.130	-0.087	40.156	-0.078	40.181	-0.087	40.200	-0.091
34.069	-0.042	34.091	-0.088	34.110	-0.122	34.130	-0.144	40.226	-0.083	40.263	-0.066	40.295	-0.053	40.322	-0.057
34.157	-0.152	34.189	-0.102	34.227	-0.009	34.258	0.105	40.350	-0.015	40.371	0.010	40.391	0.023	40.418	-0.002
34.277	0.185	34.292	0.240	34.311	0.274	34.337	0.214	40.436	-0.045	40.451	-0.074	40.470	-0.095	40.500	-0.070
34.354	0.138	34.379	0.023	34.395	-0.057	34.412	-0.083	40.537	-0.019	40.554	0.002	40.581	0.006	40.619	-0.007
34.435	-0.053	34.462	-0.028	34.498	-0.020	34.523	-0.012	40.658	-0.023	40.683	-0.007	40.714	0.015	40.745	-0.036
34.548	0.030	34.573	0.064	34.593	0.051	34.617	0.051	40.775	0.019	40.801	-0.002	40.833	-0.040	40.860	-0.036
34.646	0.102	34.681	0.122	34.713	0.071	34.735	-0.017	40.915	-0.002	40.950	0.048	40.972	0.014	41.006	0.095
34.761	-0.085	34.783	-0.132	34.804	-0.166	34.828	-0.149	41.039	0.078	41.058	0.033	41.087	0.015	41.102	0.002
34.855	-0.069	34.879	0.007	34.895	0.050	34.913	0.066	41.126	0.015	41.164	0.036	41.191	0.040	41.228	0.053
34.943	0.062	34.975	0.049	35.002	0.049	35.032	0.036	41.254	0.048	41.294	0.027	41.339	0.006	41.371	-0.011
35.058	-0.032	35.077	-0.095	35.096	-0.159	35.112	-0.209	41.400	-0.019	41.423	-0.019	41.447	-0.019	41.473	-0.040
35.130	-0.210	35.160	-0.180	35.181	-0.133	35.205	-0.091	41.500	-0.045	41.542	-0.036	41.581	-0.023	41.608	-0.028
35.234	-0.074	35.264	-0.074	35.289	-0.070	35.328	-0.062	41.636	-0.036	41.657	-0.036	41.691	-0.028	41.710	-0.023
35.358	-0.083	35.390	-0.100	35.423	-0.117	35.457	-0.138	41.736	-0.053	41.759	-0.062	41.786	-0.057	41.815	-0.036
35.487	-0.138	35.525	-0.095	35.562	-0.049	35.597	-0.011	41.846	0.006	41.892	0.015	41.908	-0.015	41.944	-0.049
35.613	0.010	35.640	0.019	35.670	0.019	35.696	0.010	41.961	-0.066	41.992	-0.070	42.026	-0.070	42.058	-0.062
35.725	-0.028	35.742	-0.057	35.760	-0.091	35.776	-0.129	42.095	-0.062	42.122	-0.070	42.143	-0.078	42.179	-0.087
35.798	-0.138	35.832	-0.117	35.877	-0.053	35.903	-0.007	42.201	-0.091	42.223	-0.091	42.249	-0.070	42.276	-0.053
35.933	0.023	35.959	0.065	35.991	0.090	36.023	0.086	42.307	-0.053	42.331	-0.056	42.360	-0.078	42.392	-0.057

42.416	-0.032	42.448	-0.028	42.475	-0.028	42.499	-0.028	48.507	-0.021	48.531	-0.029	48.556	-0.042	48.570	-0.047
42.526	-0.028	42.555	-0.011	42.582	-0.019	42.601	-0.036	48.583	-0.047	48.601	-0.039	48.622	-0.030	48.655	-0.018
42.635	-0.045	42.663	-0.015	42.687	-0.002	42.711	-0.002	48.679	-0.031	48.711	-0.048	48.750	-0.057	48.781	-0.057
42.733	-0.002	42.770	-0.002	42.791	-0.002	42.815	-0.036	48.805	-0.062	48.830	-0.062	48.857	-0.062	48.875	-0.062
42.834	-0.053	42.858	-0.053	42.882	-0.045	42.911	-0.015	48.896	-0.029	48.916	-0.008	48.934	-0.021	48.953	-0.042
42.943	0.023	42.965	0.006	42.989	-0.007	43.016	-0.019	48.974	-0.055	48.997	-0.055	49.019	-0.055	49.040	-0.055
43.052	-0.028	43.085	-0.006	43.116	0.002	43.140	0.019	49.071	-0.047	49.096	-0.035	49.130	-0.035	49.151	-0.014
43.162	0.019	43.191	-0.002	43.225	-0.032	43.244	-0.032	49.180	-0.027	49.212	-0.010	49.235	-0.019	49.259	-0.027
43.273	-0.011	43.308	0.006	43.338	0.018	43.377	0.005	49.276	-0.027	49.310	-0.010	49.351	0.002	49.351	-0.002
43.415	-0.020	43.444	-0.042	43.469	-0.042	43.498	-0.038	49.376	-0.006	49.399	-0.015	49.412	-0.015	49.434	0.002
43.525	-0.017	43.551	0.004	43.588	0.021	43.623	0.021	49.463	0.014	49.486	0.027	49.510	0.023	49.539	0.006
43.642	0.012	43.674	0.004	43.692	0.012	43.718	0.029	49.563	-0.012	49.589	-0.020	49.619	-0.029	49.647	-0.029
43.748	0.045	43.774	0.028	43.801	-0.002	43.833	-0.019	49.666	-0.033	49.697	-0.025	49.732	-0.012	49.763	0.005
43.862	-0.032	43.890	-0.032	43.912	-0.007	43.951	0.018	49.808	0.017	49.827	0.017	49.851	0.021	49.877	0.025
43.978	0.026	44.002	0.009	44.038	-0.029	44.067	-0.051	49.898	0.008	49.921	0.008	49.955	0.004	49.982	0.008
44.091	-0.055	44.118	-0.026	44.147	0.008	44.170	0.038	50.001	0.008	50.030	-0.013	50.056	-0.030	50.079	-0.039
44.196	0.055	44.218	0.054	44.260	0.037	44.297	0.016	50.108	-0.031	50.148	-0.022	50.175	-0.039	50.206	-0.056
44.332	-0.010	44.373	-0.035	44.402	-0.035	44.427	-0.027	50.230	-0.061	50.256	-0.061	50.277	-0.061	50.295	-0.061
44.463	-0.019	44.481	-0.027	44.501	-0.031	44.521	-0.036	50.343	-0.044	50.372	-0.031	50.404	-0.036	50.431	-0.036
44.561	-0.040	44.592	-0.023	44.627	-0.002	44.650	-0.002	50.459	-0.031	50.491	-0.019	50.517	0.002	50.549	0.006
44.685	-0.028	44.715	-0.049	44.734	-0.002	44.779	-0.037	50.575	-0.006	50.599	-0.015	50.633	-0.032	50.658	-0.032
44.806	-0.007	44.822	0.031	44.849	0.048	44.868	0.031	50.694	-0.032	50.726	-0.049	50.751	-0.049	50.779	-0.049
44.893	0.001	44.914	-0.020	44.948	-0.058	44.971	-0.083	50.798	-0.045	50.825	-0.028	50.850	-0.003	50.881	0.027
45.002	-0.096	45.029	-0.088	45.064	-0.054	45.089	-0.029	50.905	0.031	50.932	0.035	50.966	0.022	50.994	0.010
45.110	-0.037	45.135	-0.042	45.159	-0.046	45.178	-0.046	51.023	0.010	51.054	0.005	51.074	-0.007	51.106	-0.006
45.205	-0.021	45.231	0.004	45.252	0.021	45.275	0.021	51.125	-0.012	51.147	0.001	51.177	0.022	51.200	0.026
45.299	-0.012	45.322	-0.001	45.352	-0.014	45.389	-0.035	51.219	0.022	51.243	0.018	51.265	0.009	51.287	0.000
45.422	-0.035	45.456	-0.044	45.487	-0.049	45.513	-0.062	51.308	-0.017	51.329	-0.025	51.354	-0.017	51.395	-0.009
45.530	-0.079	45.563	-0.079	45.577	-0.062	45.601	-0.041	51.420	-0.009	51.432	-0.009	51.482	0.003	51.499	0.024
45.634	-0.020	45.664	-0.021	45.695	-0.025	45.720	-0.025	51.529	0.033	51.548	0.032	51.572	0.011	51.602	-0.014
45.749	-0.034	45.773	-0.043	45.794	-0.043	45.820	-0.022	51.624	-0.015	51.648	-0.002	51.673	-0.002	51.697	-0.019
45.848	0.007	45.869	0.007	45.890	0.007	45.914	0.006	51.721	-0.045	51.740	-0.058	51.775	-0.071	51.815	-0.063
45.940	0.006	45.965	0.006	45.986	0.006	46.017	-0.003	51.847	-0.051	51.880	-0.051	51.912	-0.051	51.932	-0.052
46.044	-0.037	46.068	-0.055	46.087	-0.063	46.111	-0.063	51.959	-0.060	51.991	-0.065	52.018	-0.065	52.048	-0.066
46.132	-0.064	46.164	-0.047	46.198	-0.039	46.227	-0.022	52.075	-0.053	52.109	-0.032	52.147	-0.024	52.167	-0.025
46.252	0.007	46.273	0.028	46.295	0.024	46.318	0.019	52.198	-0.034	52.225	-0.051	52.251	-0.051	52.275	-0.052
46.350	0.002	46.375	0.002	46.393	0.006	46.419	0.010	52.301	-0.044	52.319	-0.027	52.349	-0.023	52.378	-0.024
46.439	0.014	46.454	0.018	46.478	0.022	46.497	0.026	52.403	-0.028	52.422	-0.037	52.449	-0.025	52.478	-0.012
46.518	0.026	46.547	0.000	46.563	-0.021	46.580	-0.042	52.512	0.004	52.538	0.012	52.573	0.003	52.607	-0.007
46.601	-0.042	46.651	-0.026	46.668	-0.026	46.689	-0.026	52.628	-0.010	52.644	-0.011	52.665	-0.007	52.685	0.006
46.708	-0.026	46.740	-0.022	46.777	-0.006	46.809	-0.002	52.706	0.022	52.730	0.031	52.752	0.043	52.776	0.047
46.838	-0.002	46.857	0.015	46.879	0.023	46.906	0.027	52.799	0.047	52.819	0.038	52.840	0.029	52.861	0.016
46.938	0.001	46.966	-0.020	46.988	-0.037	47.009	-0.037	52.879	-0.005	52.893	-0.010	52.916	-0.010	52.935	0.007
47.042	-0.021	47.066	-0.004	47.087	-0.004	47.116	-0.017	52.949	-0.028	52.970	0.036	52.994	0.040	53.020	0.040
47.145	-0.030	47.170	-0.038	47.196	-0.038	47.231	-0.039	53.046	0.014	53.073	0.001	53.099	0.005	53.123	0.021
47.257	-0.035	47.284	-0.018	47.314	-0.001	47.348	0.007	53.150	0.034	53.176	0.046	53.201	0.029	53.217	0.021
47.388	0.011	47.420	0.011	47.452	0.011	47.480	0.007	53.246	-0.005	53.262	-0.022	53.274	-0.022	53.309	-0.022
47.512	-0.006	47.541	-0.027	47.570	-0.057	47.599	-0.057	53.339	-0.022	53.365	-0.039	53.395	-0.047	53.425	-0.051
47.629	-0.057	47.656	-0.040	47.679	-0.024	47.714	-0.007	53.447	-0.052	53.484	-0.065	53.513	-0.081	53.536	-0.081
47.743	-0.007	47.772	-0.011	47.796	-0.016	47.828	-0.016	53.570	-0.060	53.602	-0.043	53.624	-0.031	53.643	-0.035
47.854	0.001	47.891	0.018	47.918	0.013	47.943	0.013	53.668	-0.035	53.687	-0.035	53.706	-0.039	53.738	-0.052
47.981	0.026	48.007	0.030	48.029	0.017	48.058	0.013	53.765	-0.056	53.797	-0.073	53.827	-0.044	53.858	-0.044
48.087	0.009	48.119	0.008	48.142	-0.004	48.174	-0.026	53.847	-0.044	53.871	-0.044	53.887	-0.044	53.906	-0.044
48.200	-0.003	48.223	-0.043	48.254	-0.035	48.280	-0.028	53.930	-0.035	53.955	-0.018	53.983	0.007	54.007	0.007
48.315	0.003	48.366	0.010	48.382	-0.015	48.406	-0.028	54.026	-0.007	54.048	0.007	54.071	0.016	54.101	0.007
48.421	-0.037	48.437	-0.037	48.466	-0.033	48.489	-0.020	54.126	-0.002	54.147	-0.010	54.172	-0.015	54.196	0.002

IE084

71.097 2/9/71 0600PST L.A. 3407 SIXTH ST. 4TH FL. EAST

2060 POINTS 59.398 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2863 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
54.221	0.018	54.245	0.022	54.273	0.009	54.291	-0.004
54.310	-0.004	54.329	0.009	54.360	0.025	54.397	0.029
54.419	0.007	54.446	-0.006	54.486	0.006	54.517	-0.015
54.535	-0.015	54.565	-0.016	54.589	-0.008	54.620	0.005
54.646	0.009	54.676	0.021	54.703	0.020	54.728	0.020
54.765	0.015	54.794	0.006	54.821	0.001	54.852	-0.012
54.886	-0.021	54.910	-0.038	54.937	-0.047	54.959	-0.056
54.972	-0.056	54.996	-0.056	55.016	-0.036	55.035	-0.036
55.050	-0.053	55.067	-0.062	55.082	-0.066	55.102	-0.067
55.132	-0.037	55.155	-0.020	55.175	-0.012	55.193	-0.029
55.214	-0.055	55.228	-0.059	55.251	-0.046	55.276	-0.042
55.297	-0.038	55.321	-0.038	55.339	-0.030	55.359	-0.034
55.377	-0.051	55.395	-0.056	55.417	-0.060	55.435	-0.056
55.459	-0.052	55.484	-0.039	55.505	-0.022	55.526	-0.023
55.550	-0.014	55.569	-0.019	55.596	-0.036	55.615	-0.044
55.641	-0.070	55.662	-0.070	55.684	-0.053	55.699	-0.040
55.723	-0.032	55.749	-0.023	55.774	-0.007	55.795	0.010
55.824	0.031	55.853	0.036	55.877	0.036	55.893	0.036
55.916	0.036	55.940	0.023	55.958	0.006	55.988	-0.023
56.007	-0.040	56.030	-0.049	56.046	-0.040	56.068	-0.015
56.088	0.006	56.104	0.019	56.126	0.019	56.142	0.019
56.155	0.019	56.176	0.019	56.202	0.027	56.219	0.023
56.242	0.023	56.259	0.010	56.282	-0.007	56.296	-0.028
56.314	-0.049	56.328	-0.057	56.352	-0.033	56.376	-0.028
56.394	-0.007	56.416	0.006	56.435	0.002	56.456	-0.002
56.471	-0.007	56.499	-0.007	56.520	0.002	56.547	0.006
56.567	0.010	56.584	0.006	56.605	-0.019	56.618	-0.045
56.640	-0.062	56.661	-0.074	56.685	-0.057	56.704	-0.045
56.738	-0.036	56.762	-0.041	56.789	-0.041	56.819	-0.041
56.854	-0.041	56.872	-0.049	56.899	-0.049	56.929	-0.066
56.961	-0.088	56.975	-0.109	56.996	-0.109	57.018	-0.092
57.045	-0.067	57.068	-0.037	57.087	-0.024	57.108	-0.020
57.124	-0.037	57.152	-0.037	57.179	-0.037	57.208	-0.034
57.229	-0.034	57.253	-0.025	57.289	-0.017	57.319	-0.001
57.345	0.012	57.370	0.024	57.403	0.028	57.427	0.020
57.459	0.002	57.473	-0.015	57.494	-0.015	57.523	-0.002
57.549	0.023	57.565	0.014	57.592	0.014	57.608	0.001
57.635	-0.004	57.666	0.017	57.693	0.046	57.715	0.080
57.743	0.079	57.767	0.070	57.787	0.053	57.807	0.053
57.839	0.044	57.864	0.043	57.891	0.034	57.917	0.013
57.941	0.017	57.967	0.042	57.992	0.045	58.016	0.049
58.039	0.040	58.069	0.002	58.096	-0.015	58.119	-0.016
58.141	-0.012	58.157	-0.004	58.192	-0.005	58.227	-0.014
58.251	-0.023	58.280	-0.032	58.304	-0.033	58.328	-0.038
58.344	-0.038	58.370	-0.034	58.392	-0.026	58.414	-0.027
58.442	-0.044	58.477	-0.062	58.499	-0.063	58.531	-0.059
58.557	-0.060	58.571	-0.056	58.595	-0.039	58.619	-0.027
58.646	-0.032	58.670	-0.037	58.694	-0.058	58.714	-0.067
58.734	-0.067	58.765	-0.064	58.786	-0.047	58.805	-0.030
58.837	-0.035	58.855	-0.040	58.877	-0.048	58.897	-0.061
58.914	-0.070	58.934	-0.070	58.966	-0.067	58.983	-0.059
59.024	-0.068	59.049	-0.068	59.069	-0.073	59.086	-0.073
59.114	-0.073	59.141	-0.074	59.167	-0.053	59.187	-0.027
59.202	-0.010	59.235	0.006	59.272	0.006	59.299	0.006
59.325	0.006	59.351	-0.002				

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.101	0.026	-0.135	0.046	-0.092	0.065	-0.054
0.085	-0.024	0.112	0.007	0.129	0.007	0.147	-0.010
0.171	0.054	0.188	-0.021	0.214	-0.084	0.236	-0.029
0.254	0.060	0.273	0.069	0.294	0.036	0.314	0.049
0.332	0.083	0.346	0.024	0.359	-0.086	0.373	-0.174
0.389	-0.208	0.407	-0.207	0.434	-0.135	0.456	-0.075
0.479	-0.011	0.491	0.078	0.512	0.125	0.543	0.079
0.560	0.012	0.576	-0.030	0.613	-0.021	0.638	-0.011
0.665	0.002	0.696	0.004	0.720	-0.042	0.739	-0.113
0.760	-0.171	0.777	-0.103	0.793	-0.005	0.817	0.063
0.839	0.018	0.854	-0.028	0.873	-0.082	0.903	-0.013
0.925	-0.163	0.946	-0.130	0.973	-0.188	0.991	-0.188
1.015	-0.178	1.034	-0.097	1.053	0.060	1.067	0.200
1.079	0.298	1.099	0.354	1.128	0.287	1.141	0.122
1.150	-0.004	1.166	-0.046	1.189	0.022	1.201	0.090
1.217	0.162	1.246	0.108	1.272	-0.065	1.302	-0.322
1.322	-0.491	1.334	-0.584	1.349	-0.642	1.367	-0.528
1.387	-0.367	1.392	-0.189	1.413	0.015	1.431	-0.137
1.448	-0.344	1.461	-0.572	1.484	-0.745	1.506	-0.647
1.527	-0.426	1.540	-0.168	1.548	0.010	1.564	0.146
1.591	0.096	1.606	-0.006	1.636	0.329	1.657	1.006
1.675	1.534	1.681	1.738	1.699	1.699	1.712	1.683
1.720	1.370	1.737	0.701	1.752	-0.229	1.763	-0.830
1.770	-1.046	1.778	-1.202	1.797	-0.889	1.805	-0.440
1.822	0.270	1.831	0.761	1.841	0.998	1.849	1.074
1.881	0.820	1.899	0.389	1.927	-0.106	1.948	-0.723
1.959	-1.045	1.978	-1.210	2.004	-0.892	2.025	-0.321
2.037	0.110	2.046	0.292	2.062	0.557	2.083	0.229
2.101	-0.380	2.119	-1.230	2.127	-1.480	2.143	-1.784
2.166	-1.455	2.180	-0.693	2.190	-0.008	2.205	0.766
2.216	1.320	2.231	0.633	2.252	1.430	2.270	0.821
2.289	0.110	2.307	-0.224	2.321	-0.385	2.347	-0.465
2.375	-0.342	2.393	-0.110	2.406	0.110	2.425	0.178
2.450	-0.127	2.463	-0.423	2.472	-0.660	2.484	-0.698
2.514	-0.203	2.531	0.347	2.536	0.503	2.552	0.660
2.574	0.567	2.602	0.389	2.618	0.182	2.639	-0.284
2.657	-0.702	2.667	-0.939	2.685	-1.142	2.719	-0.922
2.748	-0.073	2.771	0.021	2.792	0.465	2.803	0.690
2.816	0.791	2.829	0.787	2.847	0.669	2.871	0.592
2.894	0.694	2.913	0.846	2.924	0.774	2.952	0.402

2.976	-0.194	3.007	-0.752	3.025	-1.002	3.039	-1.171	6.842	-1.268	6.859	-1.162	6.867	-0.967	6.880	-0.785
3.061	-0.964	3.083	-0.219	3.104	0.445	3.117	0.601	6.892	-0.472	6.911	0.040	6.921	0.319	6.932	0.476
3.132	-0.686	3.163	0.488	3.179	0.319	3.195	0.235	6.943	0.565	6.958	0.616	6.989	0.527	7.006	0.383
3.224	0.552	3.240	0.836	3.250	0.950	3.259	0.849	7.021	0.164	7.034	0.049	7.060	0.249	7.076	0.545
3.279	0.625	3.285	0.304	3.292	-0.081	3.301	-0.521	7.089	0.820	7.111	0.922	7.137	0.808	7.153	0.740
3.306	-0.986	3.317	-1.460	3.327	-1.849	3.338	-2.090	7.178	0.685	7.200	0.427	7.218	0.071	7.237	-0.263
3.353	-1.942	3.364	-1.650	3.396	0.174	3.403	0.792	7.250	-0.398	7.267	-0.428	7.288	-0.297	7.309	-0.086
3.416	1.126	3.428	1.338	3.445	1.181	3.454	0.966	7.333	0.061	7.360	-0.103	7.383	-0.323	7.404	-0.721
3.469	0.327	3.483	-0.269	3.499	-0.611	3.506	-0.742	7.418	-0.991	7.428	-1.249	7.447	-1.271	7.470	-1.025
3.523	-0.852	3.546	-0.725	3.562	0.348	3.572	0.016	7.564	0.269	7.579	0.070	7.598	-0.294	7.622	0.002
3.585	0.139	3.602	0.253	3.639	0.127	3.652	-0.143	7.643	0.467	7.657	0.843	7.674	1.211	7.685	1.410
3.675	-0.532	3.691	-0.984	3.697	-1.255	3.716	-1.458	7.703	1.540	7.743	1.176	7.764	0.651	7.791	-0.051
3.750	-0.831	3.779	0.519	3.795	1.137	3.808	1.523	7.819	-0.335	7.854	-0.636	7.882	-0.776	7.912	-0.641
3.825	1.743	3.846	1.464	3.854	1.122	3.872	0.255	7.933	-0.400	7.966	-0.202	8.003	-0.063	8.033	0.072
3.885	-0.544	3.899	-1.136	3.909	-1.313	3.934	-1.097	8.072	-0.072	8.111	-0.386	8.132	-0.682	8.145	-0.885
3.958	-0.517	3.973	-0.191	3.998	0.025	4.024	-0.097	8.167	-1.059	8.191	-0.826	8.211	-0.513	8.229	-0.061
4.038	-0.261	4.053	-0.396	4.064	-0.443	4.093	-0.239	8.250	0.333	8.275	0.760	8.303	1.056	8.321	1.187
4.115	0.138	4.134	0.591	4.145	0.841	4.153	0.989	8.345	1.272	8.371	1.179	8.404	0.874	8.425	0.477
4.166	1.116	4.192	0.914	4.206	0.682	4.219	0.229	8.448	-0.141	8.466	-0.780	8.477	-1.186	8.490	-1.448
4.230	-0.096	4.243	-0.430	4.262	-0.557	4.292	-0.416	8.503	-1.647	8.530	-1.186	8.555	-0.797	8.592	-0.407
4.311	-0.238	4.338	-0.022	4.359	0.364	4.377	0.757	8.616	-0.154	8.642	-0.010	8.676	0.109	8.722	-0.131
4.394	1.143	4.404	1.338	4.420	1.440	4.436	1.470	8.743	-0.453	8.755	-0.656	8.772	-0.786	8.792	-0.824
4.458	1.428	4.471	1.293	4.485	1.065	4.499	0.617	8.832	-0.667	8.874	-0.426	8.903	-0.133	8.932	0.222
4.517	0.147	4.530	-0.288	4.544	-0.745	4.555	-1.028	8.941	0.447	8.954	0.616	8.979	0.616	9.016	0.274
4.574	-1.146	4.613	-0.785	4.633	-0.480	4.646	-0.281	9.038	-0.199	9.067	-0.470	9.101	-0.469	9.132	-0.422
4.668	-0.154	4.691	-0.191	4.707	-0.322	4.726	-0.397	9.274	-0.490	9.289	-0.773	9.317	0.858	9.349	0.736
4.751	-0.202	4.764	0.339	4.780	0.238	4.796	0.332	9.515	0.570	9.571	0.275	9.571	0.275	9.641	0.051
4.818	0.383	4.842	0.037	4.859	0.126	4.875	-0.241	9.383	0.538	9.429	0.471	9.459	0.340	9.490	0.273
4.891	-0.507	4.900	-0.740	4.913	-0.866	4.943	-0.612	9.634	0.312	9.675	-0.607	9.721	-0.840	9.732	-0.970
4.954	-0.269	4.969	0.193	4.983	0.696	4.996	0.976	9.575	-1.072	9.786	-0.893	9.799	-0.534	9.822	-0.237
5.007	1.171	5.037	0.770	5.054	0.191	5.067	-0.236	9.837	0.000	9.860	0.144	9.886	0.242	9.930	0.053
5.089	-0.325	5.130	-0.129	5.159	0.277	5.175	0.704	9.962	-0.150	9.984	-0.365	10.000	-0.568	10.033	-0.614
5.196	0.924	5.223	0.675	5.240	0.290	5.262	-0.221	10.057	-0.453	10.091	-0.240	10.120	-0.143	10.158	-0.188
5.286	-0.797	5.300	-1.076	5.316	-1.296	5.341	-0.974	10.177	-0.239	10.201	-0.213	10.232	-0.069	10.248	0.028
5.354	-0.382	5.368	0.046	5.373	0.249	5.386	0.393	10.270	0.104	10.291	0.003	10.310	-0.268	10.327	-0.534
5.405	0.181	5.419	-0.275	5.428	-0.610	5.444	-0.842	10.340	-0.737	10.356	-0.838	10.392	-0.626	10.416	-0.326
5.462	-0.846	5.493	-0.808	5.517	-0.541	5.533	-0.127	10.435	0.034	10.456	0.377	10.479	0.542	10.513	0.517
5.542	0.110	5.550	0.296	5.565	0.411	5.582	0.212	10.533	0.318	10.546	0.086	10.559	-0.143	10.576	-0.346
5.593	0.030	5.603	-0.181	5.617	-0.490	5.625	-0.655	10.679	-0.053	10.810	0.112	10.829	0.226	10.854	0.395
5.637	-0.719	5.674	-0.651	5.702	-0.436	5.723	-0.111	10.786	-0.539	10.894	0.632	10.922	0.543	10.954	0.374
5.737	0.274	5.747	0.422	5.761	0.532	5.786	0.405	10.589	-0.595	10.609	-0.688	10.641	-0.607	10.663	-0.480
5.801	0.193	5.821	0.083	5.840	0.163	5.861	0.277	10.679	-0.400	10.707	-0.375	10.734	-0.320	10.758	-0.205
5.880	0.382	5.896	0.615	5.915	1.008	5.931	1.283	10.786	-0.053	10.810	0.112	10.829	0.226	10.854	0.395
5.944	1.426	5.966	1.282	5.976	0.923	5.991	0.339	10.868	0.539	10.994	0.133	11.014	0.057	11.042	0.179
6.003	-0.101	6.022	-0.550	6.033	-0.728	6.052	-0.834	10.977	0.213	10.991	0.333	11.014	0.057	11.042	0.179
6.076	-0.931	6.091	-0.932	6.109	-0.763	6.125	-0.463	11.061	0.421	11.078	0.615	11.094	0.810	11.121	0.941
6.147	-0.061	6.179	0.210	6.198	0.540	6.212	0.777	11.146	1.000	11.170	0.979	11.193	0.826	11.212	0.581
6.231	0.828	6.247	0.823	6.265	0.599	6.283	0.384	11.228	0.268	11.250	0.005	11.260	-0.139	11.291	-0.219
6.297	0.202	6.316	0.125	6.345	0.227	6.358	0.290	11.320	-0.156	11.337	-0.008	11.348	0.111	11.372	0.187
6.398	0.121	6.411	0.045	6.429	0.235	6.449	0.235	11.405	0.207	11.436	0.271	11.462	0.368	11.480	0.473
6.451	0.743	6.474	1.234	6.490	1.327	6.490	1.327	11.498	0.558	11.540	0.651	11.540	0.655	11.562	0.579
6.514	1.204	6.520	1.073	6.534	0.819	6.559	0.519	11.583	0.426	11.665	0.210	11.616	0.075	11.635	-0.010
6.578	0.362	6.595	0.189	6.610	-0.078	6.623	-0.272	11.651	-0.044	11.679	0.053	11.701	0.201	11.712	0.273
6.640	-0.302	6.658	-0.162	6.671	-0.043	6.684	-0.005	11.722	0.328	11.744	0.370	11.769	0.353	11.790	0.319
6.708	-0.225	6.722	-0.389	6.735	-0.567	6.756	-0.643	11.820	0.323	11.844	0.225	11.871	0.144	11.903	0.102
6.779	-0.668	6.803	-0.892	6.821	-1.070	6.830	-1.196	11.929	-0.055	11.952	-0.161	11.962	-0.208	11.984	-0.254

12.019	-0.136	12.035	0.041	12.049	0.130	12.057	0.214	19.738	0.007	19.796	-0.040	19.839	-0.069	19.860	-0.082
12.069	0.282	12.094	0.341	12.119	0.281	12.143	0.150	19.900	0.011	19.938	0.057	19.985	0.006	20.033	-0.070
12.156	0.069	12.166	0.027	12.183	0.010	12.209	0.082	20.076	-0.011	20.123	0.053	20.161	0.019	20.194	-0.015
12.234	0.145	12.264	0.022	12.282	-0.122	12.298	-0.283	20.250	0.011	20.283	0.024	20.320	-0.057	20.341	-0.137
12.312	-0.384	12.319	-0.418	12.336	-0.457	12.362	-0.376	20.382	-0.179	20.436	-0.035	20.456	0.067	20.495	0.143
12.376	-0.254	12.387	-0.140	12.398	-0.051	12.424	0.038	20.543	0.063	20.575	0.034	20.617	0.136	20.649	0.191
12.458	-0.026	12.478	-0.094	12.488	-0.149	12.494	0.038	20.716	0.098	20.780	0.026	20.819	0.004	20.872	0.064
12.528	-0.116	12.547	-0.018	12.572	0.045	12.604	-0.044	20.947	-0.107	21.006	-0.107	21.062	-0.052	21.111	0.091
12.635	-0.163	12.651	-0.218	12.667	0.231	12.707	-0.087	21.162	0.150	21.218	0.073	21.250	0.039	21.293	0.149
12.721	-0.020	12.751	0.026	12.809	-0.046	12.829	-0.143	21.341	0.249	21.394	0.080	21.426	-0.103	21.468	-0.192
12.855	-0.182	12.898	-0.119	12.934	-0.030	12.979	0.071	21.518	-0.091	21.559	0.023	21.604	-0.046	21.639	-0.067
13.014	-0.044	13.043	-0.183	13.052	-0.353	13.062	-0.416	21.694	0.038	21.716	0.143	21.754	0.232	21.794	0.126
13.081	-0.459	13.121	-0.260	13.138	-0.053	13.157	0.124	21.810	0.071	21.834	0.020	21.877	0.045	21.922	0.081
13.168	0.188	13.200	0.277	13.237	0.167	13.261	-0.040	21.958	0.040	21.981	0.048	22.021	0.022	22.064	-0.042
13.286	-0.248	13.300	-0.362	13.332	-0.455	13.361	-0.493	22.083	-0.088	22.105	-0.114	22.143	-0.042	22.188	0.046
13.412	-0.421	13.439	-0.323	13.463	-0.277	13.483	-0.272	22.236	0.042	22.264	0.050	22.334	0.125	22.383	0.062
13.523	-0.116	13.541	-0.010	13.569	0.079	13.616	-0.031	22.424	0.006	22.454	-0.032	22.484	-0.062	22.543	-0.020
13.789	0.059	13.819	0.166	13.850	0.289	13.899	0.061	22.600	-0.063	22.657	-0.093	22.687	-0.102	22.736	-0.034
13.920	-0.138	13.939	-0.256	13.966	-0.327	14.014	-0.352	22.763	0.029	22.807	0.088	22.844	0.008	22.863	-0.056
14.049	-0.483	14.093	-0.592	14.133	-0.313	14.160	0.060	22.892	-0.103	22.930	-0.101	22.970	0.079	23.019	-0.040
14.189	0.318	14.224	0.432	14.262	0.323	14.292	0.149	23.047	-0.141	23.085	-0.188	23.131	-0.104	23.180	0.032
14.329	0.027	14.368	0.129	14.440	0.158	14.489	0.201	23.247	-0.015	23.300	-0.036	23.349	-0.066	23.393	-0.075
14.539	0.133	14.583	0.172	14.628	0.066	14.660	0.082	23.443	-0.020	23.496	0.043	23.560	-0.003	23.627	-0.037
14.688	-0.171	14.720	-0.188	14.755	-0.116	14.789	-0.015	23.695	-0.037	23.741	0.000	23.787	-0.017	23.836	-0.013
14.834	-0.045	14.870	0.098	14.910	0.255	14.963	0.093	23.879	-0.035	23.945	0.016	23.989	0.053	24.037	0.002
15.012	-0.021	15.070	-0.119	15.111	-0.141	15.179	-0.213	24.074	-0.024	24.131	0.023	24.171	-0.037	24.233	-0.105
15.231	-0.141	15.311	-0.117	15.353	-0.028	15.379	0.107	24.297	-0.001	24.380	0.150	24.436	0.027	24.469	-0.071
15.415	0.200	15.465	0.094	15.499	-0.029	15.532	-0.139	24.514	-0.089	24.553	-0.060	24.584	0.028	24.626	0.066
15.583	0.055	15.627	0.186	15.671	0.279	15.754	0.199	24.819	-0.024	24.704	-0.084	24.744	0.000	24.774	0.072
16.048	0.065	16.091	0.065	16.129	-0.036	16.167	-0.142	24.857	-0.042	24.867	-0.136	24.916	-0.001	24.961	0.142
16.202	-0.176	16.251	-0.027	16.295	0.100	16.333	0.198	25.018	0.112	25.061	0.087	25.111	0.112	25.149	0.018
16.394	0.292	16.424	0.309	16.469	0.174	16.471	0.174	25.178	-0.033	25.215	-0.020	25.250	-0.025	25.286	0.047
16.490	0.090	16.520	0.014	16.556	-0.011	16.601	0.095	25.325	0.086	25.376	0.052	25.426	0.001	25.478	0.014
16.634	0.197	16.682	0.117	16.721	-0.060	16.746	-0.174	25.517	-0.020	25.547	-0.037	25.592	0.048	25.651	0.129
16.766	-0.208	16.815	-0.060	16.859	0.076	16.896	0.017	25.720	0.036	25.762	-0.062	25.799	-0.108	25.836	-0.041
16.934	-0.012	16.976	0.127	17.015	0.229	17.060	0.081	25.877	0.061	25.921	-0.028	25.969	-0.092	26.004	0.010
17.092	-0.028	17.126	-0.109	17.157	-0.151	17.201	-0.214	26.041	0.094	26.089	-0.050	26.115	-0.126	26.143	-0.151
17.262	-0.160	17.322	-0.241	17.377	-0.326	17.423	-0.186	26.190	-0.071	26.230	0.030	26.275	0.000	26.307	-0.017
17.456	-0.111	17.486	-0.077	17.524	0.007	17.580	0.011	26.350	0.038	26.389	0.110	26.438	0.012	26.466	-0.069
17.631	0.091	17.661	0.120	17.713	0.018	17.741	-0.134	26.493	-0.090	26.543	-0.014	26.586	0.062	26.658	-0.015
17.789	-0.236	17.789	-0.283	17.821	-0.199	17.853	-0.148	26.696	-0.066	26.769	-0.016	26.812	-0.055	26.856	-0.064
17.889	-0.136	17.929	-0.149	17.975	-0.125	18.012	-0.011	26.911	0.012	26.953	0.087	26.980	0.112	27.025	0.048
18.057	0.086	18.095	0.022	18.109	-0.033	18.136	-0.067	27.072	-0.032	27.127	-0.008	27.170	0.017	27.191	0.004
18.184	0.076	18.203	0.160	18.242	0.241	18.286	0.135	27.236	-0.026	27.294	0.054	27.339	0.062	27.375	0.015
18.310	-0.001	18.349	-0.077	18.406	-0.052	18.437	-0.027	27.425	-0.041	27.502	0.022	27.552	0.038	27.608	-0.005
18.478	-0.010	18.510	0.045	18.538	0.070	18.587	0.100	27.644	-0.060	27.687	-0.094	27.733	-0.052	27.774	-0.023
18.619	0.032	18.645	-0.011	18.691	0.023	18.733	0.019	27.832	-0.041	27.893	0.027	27.932	0.047	27.980	-0.008
18.766	0.010	18.811	0.006	18.849	0.107	18.862	0.149	28.019	-0.076	28.041	-0.089	28.091	-0.026	28.144	0.067
18.892	0.225	18.926	0.162	18.956	0.018	18.983	-0.135	28.202	0.037	28.253	0.049	28.284	0.070	28.329	0.006
19.001	-0.207	19.023	-0.262	19.054	-0.114	19.079	0.081	28.375	-0.070	28.411	-0.011	28.461	0.094	28.501	0.048
19.122	-0.237	19.173	0.135	19.207	-0.022	19.244	-0.094	28.533	-0.020	28.559	-0.046	28.626	-0.017	28.703	0.029
19.279	-0.018	19.308	0.036	19.357	-0.053	19.386	-0.095	28.750	0.059	28.780	0.072	28.834	0.051	28.888	0.060
19.420	-0.117	19.474	0.001	19.515	0.060	19.552	0.085	28.946	0.089	28.992	0.056	29.030	0.014	29.083	-0.054
19.586	0.008	19.623	-0.090	19.661	-0.149	19.701	-0.061	29.132	-0.083	29.196	-0.070	29.258	-0.032	29.293	-0.015
								29.350	-0.061	29.414	-0.086	29.495	-0.013	29.550	0.038
								29.606	-0.046	*29.671	-0.101	29.709	-0.080	29.731	-0.063

29.750	-0.046	29.769	-0.033	29.794	-0.025	29.820	-0.004	33.743	0.140	33.764	0.098	33.782	0.043	33.798	-0.016
29.847	0.000	29.866	-0.008	29.883	-0.017	29.899	-0.017	33.809	-0.055	33.826	-0.076	33.847	-0.076	33.866	-0.038
29.923	0.000	29.948	0.017	29.967	0.017	29.993	0.009	33.889	0.004	33.904	0.021	33.927	0.025	33.951	0.013
30.012	0.000	30.034	-0.004	30.056	-0.004	30.075	0.017	33.967	-0.026	33.979	-0.076	33.994	-0.123	34.018	-0.144
30.092	0.025	30.107	0.038	30.127	0.038	30.143	0.038	34.037	-0.153	34.055	-0.153	34.082	-0.128	34.107	-0.052
30.164	0.038	30.180	0.038	30.197	0.038	30.219	0.038	34.126	-0.005	34.145	0.033	34.173	0.033	34.198	0.007
30.238	0.038	30.259	0.016	30.270	-0.001	30.280	-0.013	34.214	-0.022	34.235	-0.048	34.254	-0.048	34.278	-0.006
30.293	-0.026	30.309	-0.026	30.325	-0.005	30.349	0.029	34.294	0.024	34.319	0.049	34.340	-0.002	34.356	-0.057
30.363	0.050	30.382	0.088	30.400	0.113	30.416	0.126	34.372	-0.099	34.386	-0.150	34.404	-0.180	34.420	-0.184
30.434	0.130	30.453	0.117	30.475	0.087	30.491	0.058	34.441	-0.155	34.463	-0.066	34.476	-0.019	34.491	0.031
30.509	0.024	30.521	0.011	30.534	0.015	30.555	0.024	34.505	0.057	34.523	0.078	34.549	0.078	34.570	0.052
30.573	0.049	30.592	0.074	30.605	0.091	30.622	0.104	34.587	0.018	34.613	-0.020	34.639	0.014	34.660	0.039
30.638	0.095	30.654	0.078	30.670	0.057	30.681	0.047	34.681	0.047	34.705	0.035	34.724	0.018	34.743	-0.012
30.693	0.006	30.701	-0.015	30.708	-0.028	30.718	-0.049	34.756	-0.042	34.782	0.084	34.807	-0.037	34.826	0.017
30.731	-0.058	30.745	-0.058	30.766	-0.011	30.779	0.040	34.845	0.072	34.885	0.110	34.882	0.132	34.898	0.144
30.790	0.095	30.800	0.124	30.813	0.154	30.829	0.183	34.916	0.144	34.935	0.127	34.954	0.102	34.973	0.064
30.841	0.170	30.862	0.124	30.878	0.086	30.888	0.014	34.991	-0.013	35.005	-0.029	35.026	-0.038	35.047	-0.038
30.899	-0.033	30.912	-0.084	30.925	-0.122	30.936	-0.156	35.068	-0.030	35.090	0.017	35.119	0.059	35.139	0.076
30.947	-0.194	30.973	-0.152	30.982	-0.101	30.994	-0.054	35.157	0.076	35.176	0.076	35.195	0.076	35.215	0.105
31.005	-0.012	31.019	0.043	31.037	0.064	31.061	0.013	35.238	0.139	35.256	0.169	35.272	0.169	35.294	0.148
31.077	-0.046	31.093	-0.106	31.109	-0.139	31.124	-0.140	35.318	0.109	35.329	0.067	35.340	0.029	35.352	0.008
31.148	-0.085	31.160	-0.030	31.175	0.038	31.186	0.093	35.364	-0.001	35.390	0.020	35.407	0.054	35.434	0.084
31.196	0.118	31.207	0.144	31.218	0.156	31.232	0.126	35.457	0.067	35.482	0.046	35.514	0.024	35.528	0.024
31.247	0.080	31.256	0.037	31.264	-0.022	31.276	-0.077	35.544	0.029	35.567	0.024	35.586	0.012	35.610	-0.022
31.284	-0.124	31.301	-0.166	31.322	-0.115	31.336	-0.031	35.626	-0.056	35.643	-0.052	35.667	-0.044	35.701	-0.027
31.346	0.032	31.356	0.096	31.368	0.151	31.380	0.189	35.726	0.007	35.757	-0.041	35.779	0.045	35.805	0.023
31.397	0.214	31.413	0.197	31.429	0.146	31.442	0.082	35.840	0.002	35.864	-0.028	35.891	-0.062	35.912	-0.046
31.452	0.027	31.461	-0.032	31.471	-0.091	31.487	-0.138	35.938	-0.025	35.960	-0.021	35.987	-0.042	36.008	-0.063
31.498	-0.163	31.515	-0.134	31.533	-0.092	31.546	-0.045	36.029	-0.064	36.051	-0.060	36.077	-0.052	36.095	-0.052
31.559	-0.003	31.573	0.039	31.589	0.060	31.605	0.068	36.117	-0.052	36.143	-0.052	36.164	-0.048	36.184	-0.048
31.624	0.026	31.637	-0.012	31.653	-0.059	31.666	-0.110	36.207	-0.049	36.226	-0.049	36.250	-0.049	36.264	-0.049
31.685	-0.102	31.707	-0.068	31.725	-0.043	31.739	-0.017	36.296	-0.024	36.319	0.006	36.349	0.027	36.367	0.022
31.757	0.025	31.774	0.050	31.794	0.059	31.814	0.033	36.388	0.001	36.416	-0.007	36.444	0.018	36.467	0.056
31.827	-0.018	31.842	-0.073	31.861	-0.128	31.878	-0.090	36.485	0.081	36.504	0.098	36.525	0.106	36.541	0.098
31.896	0.007	31.904	0.071	31.918	0.143	31.930	0.185	36.563	0.054	36.581	0.026	36.597	-0.017	36.618	-0.051
31.949	0.210	31.966	0.176	31.982	0.121	32.000	0.066	36.629	-0.046	36.661	-0.025	36.680	-0.004	36.710	0.029
32.011	0.032	32.027	0.053	32.045	0.074	32.066	0.074	36.742	-0.063	36.776	0.089	36.806	0.064	36.826	0.026
32.082	0.057	32.098	0.032	32.114	-0.002	32.126	-0.032	36.840	-0.007	36.857	-0.020	36.891	0.002	36.915	0.040
32.141	-0.036	32.158	-0.049	32.178	-0.061	32.197	-0.062	36.942	0.074	36.972	0.087	36.995	0.096	37.022	0.105
32.224	-0.049	32.242	-0.024	32.263	0.002	32.284	0.035	37.051	0.105	37.075	0.093	37.095	0.068	37.116	0.043
32.309	0.044	32.324	0.039	32.351	-0.016	32.366	-0.058	37.132	0.017	37.147	-0.008	37.164	-0.029	37.191	-0.041
32.384	-0.105	32.405	-0.114	32.435	-0.059	32.456	-0.033	37.217	-0.049	37.235	-0.053	37.255	-0.062	37.273	-0.057
32.490	0.021	32.521	-0.013	32.546	-0.000	32.567	0.038	37.305	-0.036	37.331	-0.006	37.347	0.015	37.377	0.036
32.583	0.067	32.603	0.076	32.625	0.046	32.654	-0.009	37.409	0.011	37.440	-0.010	37.467	-0.040	37.485	-0.048
32.664	-0.031	32.688	-0.043	32.709	-0.039	32.729	-0.023	37.501	-0.031	37.542	-0.027	37.563	-0.043	37.586	-0.052
32.751	-0.014	32.777	-0.044	32.792	-0.061	32.809	-0.074	37.610	-0.043	37.640	-0.005	37.663	0.042	37.680	0.059
32.830	-0.070	32.853	-0.049	32.871	-0.032	32.890	-0.011	37.704	0.071	37.730	0.046	37.751	0.012	37.775	-0.026
32.936	-0.037	32.965	-0.067	32.974	-0.067	32.999	-0.063	37.793	-0.077	37.809	-0.107	37.835	-0.149	37.857	-0.162
33.020	-0.033	33.039	0.004	33.076	0.059	33.094	0.029	37.873	-0.162	37.891	-0.162	37.910	-0.150	37.930	-0.125
33.128	-0.034	33.161	0.037	33.178	0.101	33.211	0.143	37.944	-0.095	37.959	-0.070	37.983	-0.036	37.997	-0.015
33.238	0.104	33.251	0.062	33.268	0.007	33.294	-0.052	38.014	0.002	38.038	0.014	38.054	0.010	38.080	-0.003
33.316	-0.044	33.340	-0.031	33.372	-0.032	33.400	-0.023	38.096	-0.012	38.110	-0.012	38.141	0.012	38.168	-0.021
33.424	-0.023	33.441	-0.023	33.468	0.010	33.489	0.040	38.183	-0.025	38.195	-0.038	38.232	-0.038	38.253	-0.013
33.508	0.069	33.532	0.086	33.556	0.078	33.582	0.054	38.271	0.012	38.295	0.033	38.314	0.041	38.348	0.012
33.596	0.010	33.617	-0.033	33.630	-0.054	33.649	-0.054	38.367	-0.014	38.386	-0.039	38.407	-0.052	38.427	-0.061
33.671	-0.012	33.697	0.056	33.710	0.102	33.724	0.140	38.452	-0.065	38.463	-0.074	38.489	-0.078	38.520	-0.053

38.553	-0.023	38.579	-0.007	38.606	0.019	38.637	0.039	43.931	-0.016	43.957	0.013	43.978	0.013	43.997	0.013
38.670	0.056	38.699	0.060	38.733	0.056	38.768	0.039	44.028	0.021	44.057	0.021	44.095	0.033	44.115	0.059
38.794	0.026	38.811	0.021	38.833	0.021	38.856	0.021	44.145	0.075	44.166	0.084	44.185	0.084	44.205	0.084
38.885	-0.008	38.904	-0.005	38.918	-0.022	38.932	-0.030	44.232	0.083	44.255	0.083	44.282	0.054	44.305	0.020
38.958	-0.005	38.982	0.020	38.999	0.049	39.020	0.049	44.332	0.003	44.364	0.008	44.390	0.016	44.419	0.008
39.039	0.049	39.060	0.045	39.086	0.032	39.102	0.023	44.448	-0.005	44.475	-0.017	44.504	-0.009	44.522	0.008
39.118	0.010	39.148	-0.003	39.167	0.010	39.191	0.039	44.540	-0.025	44.565	0.034	44.588	0.021	44.623	-0.025
39.204	0.069	39.226	0.073	39.239	0.068	39.258	0.067	44.664	-0.034	44.706	0.013	44.742	0.051	44.781	0.077
39.287	0.034	39.308	0.055	39.348	0.080	39.361	0.058	44.812	0.052	44.884	0.014	44.884	-0.007	44.925	-0.024
39.380	0.020	39.393	-0.001	39.406	-0.027	39.424	-0.027	44.949	-0.033	44.991	-0.071	45.019	-0.096	45.043	-0.096
39.445	-0.010	39.469	0.011	39.480	0.015	39.510	-0.003	45.086	-0.045	45.115	-0.020	45.154	-0.049	45.182	-0.083
39.531	-0.033	39.559	-0.050	39.586	-0.016	39.605	0.026	45.218	-0.096	45.268	-0.041	45.293	0.001	45.334	0.026
39.637	0.055	39.661	0.059	39.681	0.050	39.705	0.041	45.362	-0.009	45.403	0.004	45.438	0.017	45.457	0.025
39.726	0.033	39.751	0.024	39.769	0.028	39.798	0.036	45.500	-0.035	45.526	-0.069	45.542	0.086	45.583	-0.036
39.823	0.023	39.855	-0.007	39.879	-0.028	39.905	-0.037	45.621	0.015	45.647	0.031	45.698	-0.020	45.720	-0.054
39.938	-0.045	39.962	-0.037	39.989	-0.037	40.020	-0.021	45.747	-0.058	45.800	-0.004	45.848	0.051	45.904	0.051
40.034	-0.021	40.058	-0.021	40.082	-0.021	40.108	-0.009	45.932	0.046	45.956	0.050	45.993	0.041	46.028	0.050
40.143	0.008	40.169	0.025	40.197	0.046	40.223	0.045	46.053	0.037	46.085	0.037	46.109	0.032	46.140	0.036
40.247	0.020	40.273	-0.006	40.300	-0.022	40.330	-0.022	46.180	-0.049	46.225	0.027	46.250	0.014	46.321	0.040
40.344	-0.010	40.384	0.007	40.408	-0.001	40.441	-0.018	46.382	0.010	46.430	0.010	46.466	0.035	46.494	0.065
40.458	-0.022	40.483	-0.030	40.502	-0.035	40.528	-0.039	46.543	0.022	46.574	-0.007	46.622	-0.024	46.673	-0.008
40.558	-0.043	40.584	-0.051	40.611	-0.073	40.630	-0.081	46.724	0.009	46.780	-0.021	46.825	0.004	46.858	0.030
40.643	-0.081	40.659	-0.060	40.673	-0.030	40.692	0.004	46.902	0.008	46.930	-0.026	46.970	-0.039	47.031	0.007
40.704	0.038	40.719	0.072	40.742	0.093	40.763	0.101	47.081	0.045	47.122	0.053	47.172	0.019	47.210	-0.011
40.793	0.110	40.823	0.098	40.844	0.073	40.869	0.048	47.266	0.010	47.312	0.018	47.354	0.014	47.400	0.030
40.907	-0.002	40.931	-0.002	40.952	-0.006	40.971	-0.006	47.637	-0.013	47.690	0.016	47.739	0.020	47.805	0.007
40.990	-0.006	41.017	-0.005	41.041	-0.005	41.061	-0.005	47.873	-0.021	47.926	-0.011	47.979	-0.001	48.031	0.005
41.085	-0.004	41.111	-0.004	41.138	-0.004	41.160	-0.003	48.082	-0.021	48.134	-0.043	48.161	-0.051	48.222	-0.005
41.192	0.010	41.223	0.002	41.241	-0.002	41.268	0.002	48.269	0.015	48.313	0.019	48.360	0.006	48.391	0.005
41.289	0.015	41.307	0.036	41.328	0.070	41.347	0.096	48.457	0.021	48.505	-0.021	48.548	-0.064	48.607	-0.014
41.373	0.105	41.403	0.075	41.427	0.050	41.447	0.012	48.644	0.011	48.698	-0.003	48.735	-0.033	48.780	0.004
41.471	-0.008	41.495	-0.029	41.512	-0.042	41.543	-0.054	48.814	0.013	48.858	0.004	48.891	-0.005	48.951	0.003
41.567	-0.067	41.580	-0.067	41.615	-0.075	41.647	-0.070	48.999	0.003	49.041	-0.031	49.095	-0.057	49.152	-0.020
41.676	-0.066	41.699	-0.061	41.721	-0.044	41.747	-0.027	49.347	-0.017	49.386	-0.013	49.423	-0.008	49.448	-0.004
41.770	0.011	41.787	0.016	41.816	-0.010	41.836	-0.027	49.633	-0.069	49.688	-0.048	49.727	-0.027	49.769	-0.031
41.855	-0.039	41.874	-0.035	41.893	-0.018	41.913	0.003	49.814	0.003	49.856	0.049	49.901	0.023	49.951	-0.019
41.932	0.032	41.959	0.066	41.990	0.028	42.014	-0.001	50.009	0.019	50.067	0.065	50.115	0.027	50.144	0.001
42.033	-0.027	42.053	-0.048	42.075	-0.069	42.095	-0.078	50.207	0.014	50.243	0.001	50.307	-0.013	50.362	0.029
42.124	-0.094	42.146	-0.094	42.177	-0.065	42.210	-0.044	50.413	0.062	50.465	0.019	50.500	-0.011	50.553	0.013
42.234	-0.023	42.257	-0.006	42.278	-0.006	42.299	-0.010	50.595	0.030	50.647	0.016	50.700	-0.010	50.750	-0.032
42.323	-0.015	42.350	0.006	42.374	0.023	42.395	0.026	50.812	-0.067	50.873	-0.009	50.900	0.011	50.946	0.006
42.428	0.052	42.448	0.043	42.467	0.031	42.491	0.026	51.021	-0.004	51.076	0.012	51.140	-0.011	51.242	0.034
42.512	0.026	42.529	0.039	42.550	0.055	42.579	0.068	51.324	-0.047	51.433	0.003	51.506	0.049	51.598	0.036
42.593	0.068	42.611	0.063	42.627	0.046	42.654	0.025	51.664	0.069	51.748	0.056	51.817	0.052	51.864	0.048
42.677	-0.009	42.696	-0.039	42.726	-0.069	42.752	-0.044	51.931	0.007	52.036	0.054	52.115	0.076	52.180	0.081
42.778	-0.002	42.799	0.015	42.826	0.015	42.848	0.014	52.241	0.031	52.294	0.002	52.397	0.063	52.478	0.034
42.874	0.014	42.890	0.014	42.920	0.048	42.939	0.047	52.565	0.014	52.646	0.024	52.713	0.041	52.785	0.017
42.976	0.026	43.008	0.000	43.036	-0.017	43.060	-0.017	52.843	-0.001	52.922	-0.013	53.002	0.020	53.037	0.033
43.079	-0.018	43.111	-0.009	43.144	-0.031	43.164	-0.048	53.107	0.020	53.190	0.041	53.254	-0.027	53.279	-0.052
43.189	-0.065	43.213	-0.066	43.232	-0.053	43.276	-0.041	53.324	-0.036	53.375	-0.011	53.398	0.006	53.430	-0.020
43.304	-0.045	43.328	-0.067	43.349	-0.088	43.368	-0.097	53.464	-0.024	53.508	-0.012	53.533	-0.004	53.586	-0.017
43.386	-0.097	43.415	-0.072	43.442	-0.029	43.464	-0.004	53.622	-0.038	53.675	-0.009	53.724	0.012	53.775	-0.027
43.484	0.017	43.504	0.017	43.533	0.021	43.552	0.037	53.832	-0.057	53.909	-0.028	53.973	-0.016	54.003	-0.008
43.573	0.037	43.608	0.016	43.637	-0.014	43.682	-0.040								
43.708	-0.040	43.738	-0.040	43.767	-0.041	43.793	-0.041								
43.817	-0.054	43.843	-0.062	43.867	-0.062	43.899	-0.033								

IE084

71.097 2/9/71 0600PST L.A. 3407 SIXTH ST. 4TH FL. DOWN

3065 POINTS 59.376 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0118 G/10.

54.072 -0.029 54.147 -0.034 54.223 -0.005 54.282 0.003
 54.337 -0.019 54.383 -0.028 54.442 0.005 54.481 0.000
 54.527 0.016 54.592 0.066 54.648 0.036 54.716 0.010
 54.783 0.009 54.827 0.017 54.897 -0.001 54.948 -0.024
 55.005 -0.003 55.048 0.021 55.088 -0.001 55.109 -0.005
 55.152 0.003 55.204 -0.007 55.242 0.014 55.302 -0.047
 55.350 -0.001 55.388 -0.023 55.436 -0.024 55.470 -0.029
 55.505 -0.005 55.532 0.011 55.566 0.019 55.591 0.014
 55.612 0.018 55.668 -0.013 55.727 0.020 55.771 0.023
 55.804 0.039 55.851 0.013 55.915 0.004 55.972 0.054
 56.022 0.032 56.055 0.040 56.099 0.065 56.155 0.111
 56.211 0.076 56.243 0.055 56.282 0.067 56.338 0.050
 56.384 0.055 56.429 0.059 56.491 0.021 56.555 0.017
 56.618 0.017 56.670 -0.021 56.714 -0.009 56.779 0.059
 56.843 -0.009 56.889 -0.026 56.961 0.008 57.012 -0.000
 57.053 0.004 57.101 0.021 57.128 0.034 57.192 -0.038
 57.229 -0.060 57.285 0.019 57.341 0.008 57.401 -0.014
 57.447 -0.023 57.526 0.019 57.592 0.019 57.656 0.027
 57.706 0.026 57.763 0.056 57.789 0.055 57.840 0.021
 57.882 0.003 57.920 0.028 57.962 0.032 58.006 0.001
 58.053 -0.020 58.104 -0.008 58.189 -0.010 58.256 -0.006
 58.328 -0.007 58.395 -0.008 58.451 -0.017 58.499 -0.039
 58.557 -0.073 58.595 -0.052 58.638 -0.019 58.716 -0.058
 58.802 -0.055 58.872 -0.035 58.973 -0.024 59.028 -0.003
 59.083 0.034 59.129 0.016 59.168 -0.014 59.187 -0.010
 59.213 -0.006 59.232 0.015 59.261 0.014 59.282 0.027
 59.302 0.009 59.341 -0.012 59.363 -0.017 59.398 -0.009

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.232	0.010	0.252	0.011	0.294	0.018	0.336
0.024	0.290	0.032	0.188	0.041	0.104	0.045	0.070
0.057	0.125	0.062	0.244	0.069	0.350	0.075	0.455
0.093	0.358	0.094	0.130	0.096	-0.116	0.105	-0.251
0.112	-0.319	0.120	-0.373	0.134	-0.301	0.140	-0.217
0.142	-0.120	0.147	-0.073	0.153	-0.132	0.158	-0.234
0.168	-0.322	0.174	-0.335	0.190	-0.305	0.204	-0.140
0.212	0.004	0.220	0.097	0.227	0.160	0.235	0.198
0.241	0.165	0.251	0.156	0.255	0.144	0.266	0.165
0.273	0.216	0.284	0.279	0.294	0.207	0.298	0.017
0.306	-0.101	0.311	-0.182	0.318	-0.241	0.324	-0.139
0.337	0.014	0.338	0.060	0.345	0.124	0.356	0.052
0.362	-0.045	0.372	-0.134	0.386	-0.041	0.393	0.086
0.401	0.133	0.413	0.053	0.421	-0.112	0.424	-0.171
0.431	-0.222	0.442	-0.133	0.450	0.007	0.456	0.113
0.460	0.172	0.471	0.232	0.482	0.168	0.490	0.105
0.496	0.059	0.507	0.029	0.525	0.097	0.533	0.118
0.543	0.127	0.560	0.127	0.573	0.145	0.586	0.090
0.592	-0.007	0.600	-0.130	0.605	-0.189	0.624	-0.104
0.635	-0.032	0.645	-0.095	0.651	-0.188	0.661	-0.264
0.680	-0.124	0.693	-0.048	0.705	-0.099	0.721	-0.158
0.739	-0.039	0.752	0.105	0.758	0.173	0.771	0.097
0.783	0.038	0.798	0.013	0.812	-0.004	0.833	0.052
0.844	0.259	0.849	0.390	0.857	0.479	0.868	0.369
0.878	0.213	0.879	0.128	0.887	0.027	0.906	0.167
0.917	0.328	0.919	0.383	0.930	0.451	0.943	0.362
0.961	0.138	0.968	-0.061	0.980	-0.166	0.984	-0.238
0.997	-0.141	1.007	-0.120	1.016	-0.094	1.029	-0.141
1.040	-0.174	1.055	-0.140	1.069	-0.106	1.077	-0.089
1.094	-0.115	1.101	-0.165	1.104	-0.195	1.115	-0.017
1.123	0.063	1.128	0.135	1.138	0.199	1.147	0.114
1.154	0.034	1.161	-0.012	1.179	0.034	1.192	0.089
1.203	0.034	1.217	-0.088	1.229	-0.139	1.235	-0.177
1.248	-0.219	1.262	-0.159	1.270	-0.071	1.275	0.001
1.283	0.040	1.288	0.065	1.299	0.053	1.312	0.040
1.325	0.133	1.333	0.235	1.339	0.277	1.344	0.315
1.354	0.239	1.363	0.096	1.367	-0.023	1.372	-0.141
1.375	-0.196	1.378	-0.289	1.392	-0.213	1.402	-0.052
1.408	0.071	1.415	0.126	1.421	0.168	1.434	0.181
1.449	0.203	1.457	0.211	1.468	0.140	1.473	0.097

1.476	0.034	1.484	-0.029	1.487	-0.106	1.498	-0.072	3.393	-0.059	3.414	-0.173	3.427	-0.279	3.442	-0.440
1.508	-0.042	1.519	-0.016	1.527	-0.118	1.535	-0.168	3.458	-0.563	3.466	-0.626	3.479	-0.664	3.499	-0.435
1.545	-0.198	1.551	-0.236	1.559	-0.193	1.571	-0.088	3.506	-0.135	3.512	-0.026	3.530	0.175	3.576	0.318
1.577	0.052	1.583	0.128	1.585	0.175	1.591	0.213	3.544	0.030	3.556	-0.008	3.573	0.166	3.577	0.111
1.596	0.183	1.603	0.082	1.609	0.078	1.617	0.048	3.580	0.467	3.586	0.551	3.596	0.632	3.607	0.559
1.624	0.069	1.633	0.069	1.641	0.099	1.649	0.133	3.617	0.378	3.636	0.239	3.647	0.146	3.667	-0.087
1.660	0.070	1.665	-0.087	1.670	-0.159	1.673	-0.205	3.667	-0.243	3.673	-0.328	3.681	-0.429	3.689	-0.501
1.680	-0.235	1.693	-0.104	1.702	0.074	1.710	0.294	3.697	-0.535	3.709	-0.492	3.729	-0.386	3.736	-0.192
1.713	0.370	1.718	0.421	1.728	0.328	1.733	0.142	3.749	-0.031	3.753	0.092	3.757	0.164	3.768	0.207
1.739	0.032	1.744	-0.061	1.752	-0.129	1.764	0.045	3.776	0.241	3.787	0.207	3.793	0.169	3.805	0.224
1.773	0.172	1.781	0.252	1.785	0.295	1.796	0.354	3.813	0.254	3.824	0.170	3.827	0.022	3.833	-0.075
1.807	0.299	1.815	0.155	1.822	0.050	1.835	-0.043	3.843	-0.126	3.846	-0.189	3.859	-0.109	3.869	-0.020
1.841	-0.014	1.848	-0.162	1.856	-0.196	1.869	-0.128	3.875	0.002	3.883	-0.100	3.889	-0.155	3.894	-0.374
1.874	-0.014	1.880	0.041	1.886	0.075	1.891	0.100	3.902	-0.489	3.915	-0.351	3.928	-0.353	3.941	-0.179
1.898	0.117	1.906	0.071	1.912	0.020	1.920	-0.035	3.947	-0.162	3.966	-0.183	3.984	-0.089	3.992	0.063
1.932	0.045	1.946	0.142	1.948	0.176	1.953	0.206	3.997	0.182	4.000	0.296	4.013	0.398	4.022	0.335
1.964	0.176	1.971	0.104	1.977	-0.035	1.979	-0.112	4.035	-0.293	4.043	0.377	4.059	0.395	4.073	0.238
1.982	-0.171	1.985	-0.179	1.996	-0.141	2.005	-0.040	4.083	-0.104	4.093	-0.392	4.099	-0.612	4.112	-0.751
2.011	-0.066	2.014	0.083	2.021	0.104	2.029	0.066	4.126	-0.560	4.131	-0.260	4.137	-0.014	4.145	-0.142
2.045	-0.065	2.053	-0.247	2.066	-0.361	2.069	-0.412	4.157	0.231	4.169	0.028	4.177	-0.081	4.185	-0.191
2.093	-0.416	2.110	-0.404	2.121	-0.472	2.127	-0.573	4.192	-0.234	4.209	0.085	4.216	0.012	4.222	-0.135
2.134	-0.628	2.139	-0.692	2.150	-0.514	2.158	-0.332	4.230	0.249	4.240	0.110	4.249	-0.030	4.259	-0.017
2.163	-0.171	2.168	0.006	2.171	0.138	2.176	0.303	4.278	0.005	4.284	0.153	4.292	0.326	4.299	0.441
2.182	0.464	2.184	0.595	2.190	0.637	2.197	0.675	4.319	0.416	4.329	0.357	4.332	0.234	4.345	0.090
2.208	0.625	2.213	0.367	2.221	0.151	2.226	0.012	4.361	0.222	4.369	0.345	4.383	0.412	4.394	0.345
2.233	-0.086	2.236	-0.153	2.242	-0.170	2.249	-0.102	4.409	0.159	4.421	0.024	4.439	-0.171	4.452	-0.293
2.262	-0.043	2.270	-0.005	2.286	-0.047	2.299	-0.186	4.461	-0.361	4.469	-0.390	4.483	-0.432	4.501	-0.301
2.306	-0.288	2.319	-0.355	2.330	-0.368	2.351	-0.312	4.509	-0.111	4.515	0.050	4.523	0.173	4.530	0.338
2.361	-0.156	2.372	-0.062	2.382	0.099	2.390	0.268	4.536	0.418	4.550	0.499	4.566	0.393	4.579	0.110
2.393	0.399	2.398	0.463	2.405	0.602	2.411	0.645	4.595	-0.067	4.606	-0.220	4.617	-0.270	4.627	-0.287
2.417	0.742	2.429	0.653	2.440	0.480	2.450	0.281	4.640	-0.232	4.648	-0.219	4.662	-0.380	4.668	-0.515
2.455	0.133	2.461	-0.044	2.478	-0.090	2.489	-0.217	4.676	-0.566	4.686	-0.642	4.699	-0.447	4.713	-0.019
2.494	-0.331	2.502	-0.433	2.507	-0.483	2.520	-0.398	4.724	0.201	4.730	0.476	4.738	0.704	4.745	0.857
2.533	-0.161	2.538	0.029	2.541	0.156	2.546	0.279	4.753	0.941	4.764	0.844	4.772	0.654	4.784	0.421
2.555	0.359	2.568	0.258	2.575	0.072	2.586	-0.063	4.789	0.375	4.802	0.320	4.816	0.231	4.829	0.303
2.594	-0.181	2.602	-0.291	2.614	-0.194	2.619	-0.130	4.838	0.130	4.851	-0.107	4.861	-0.289	4.865	-0.390
2.628	-0.105	2.645	-0.147	2.662	-0.189	2.677	-0.167	4.875	-0.437	4.886	-0.293	4.897	-0.128	4.910	0.012
2.688	-0.095	2.696	-0.184	2.706	-0.357	2.718	-0.408	4.922	0.152	4.929	0.279	4.935	0.291	4.957	0.220
2.722	-0.479	2.743	-0.416	2.760	-0.305	2.768	-0.098	4.975	0.313	4.978	0.440	4.986	0.537	4.994	0.605
2.774	0.152	2.779	0.262	2.781	0.431	2.786	0.613	5.005	0.448	5.037	-0.080	5.019	-0.080	5.026	-0.461
2.789	0.702	2.795	0.804	2.802	0.855	2.813	0.711	5.030	-0.677	5.076	-0.262	5.041	-0.930	5.054	-0.702
2.820	0.474	2.824	0.368	2.831	0.216	2.837	0.123	5.062	-0.503	5.076	-0.262	5.083	-0.097	5.094	0.073
2.845	0.073	2.858	0.098	2.870	0.098	2.881	-0.003	5.105	0.221	5.118	0.301	5.130	0.348	5.140	0.403
2.888	-0.130	2.897	-0.210	2.905	-0.248	2.928	-0.206	5.157	0.306	5.175	0.082	5.183	-0.024	5.189	-0.129
2.936	-0.185	2.957	-0.215	2.965	-0.126	2.980	-0.050	5.197	-0.260	5.205	-0.353	5.219	-0.311	5.233	-0.214
2.994	0.010	3.006	0.039	3.012	0.136	3.019	0.301	5.246	-0.146	5.257	-0.120	5.271	-0.188	5.284	-0.247
3.025	0.458	3.033	0.619	3.038	0.682	3.045	0.763	5.303	-0.149	5.314	0.050	5.317	0.194	5.324	0.325
3.034	0.665	3.062	0.449	3.067	0.344	3.077	0.010	5.330	0.494	5.335	0.591	5.343	0.701	5.355	0.617
3.093	-0.193	3.100	-0.236	3.116	-0.244	3.130	-0.240	5.365	-0.321	5.371	0.169	5.379	0.050	5.384	-0.060
3.150	-0.287	3.165	-0.359	3.176	-0.430	3.182	-0.486	5.392	-0.140	5.400	-0.258	5.409	-0.144	5.417	-0.034
3.202	-0.439	3.210	-0.401	3.224	-0.346	3.236	-0.240	5.428	-0.055	5.439	-0.135	5.450	-0.148	5.465	-0.071
3.240	-0.084	3.247	0.111	3.258	0.288	3.265	0.458	5.473	0.081	5.480	0.208	5.487	0.259	5.495	0.280
3.271	0.669	3.279	0.796	3.285	0.885	3.290	0.825	5.506	0.289	5.509	0.255	5.517	0.242	5.531	0.192
3.297	0.635	3.303	0.445	3.311	0.191	3.319	-0.042	5.541	0.242	5.550	0.285	5.563	0.365	5.571	0.315
3.335	-0.224	3.348	-0.097	3.351	0.026	3.361	0.127	5.577	0.162	5.585	-0.049	5.594	-0.214	5.609	-0.311
3.363	0.195	3.367	0.284	3.374	0.127	3.388	-0.008	5.621	-0.379	5.631	-0.425	5.647	-0.269	5.653	-0.006

5.663	0.082	5.675	0.116	5.688	0.150	5.701	0.163	7.990	-0.054	8.000	0.056	8.008	0.136	8.016	0.204
5.709	0.172	5.720	0.142	5.729	0.214	5.739	0.261	8.026	0.132	8.035	0.086	8.047	0.048	8.061	0.094
5.747	0.286	5.755	0.146	5.759	-0.095	5.764	-0.222	8.072	0.158	8.082	0.204	8.090	0.141	8.106	-0.049
5.770	-0.293	5.782	-0.336	5.791	-0.416	5.801	-0.276	8.114	-0.087	8.121	-0.125	8.127	-0.127	8.134	-0.172
5.817	-0.099	5.840	0.062	5.855	0.139	5.863	0.168	8.148	-0.091	8.163	0.032	8.177	0.146	8.192	0.303
5.875	0.189	5.886	0.151	5.904	0.109	5.913	0.041	8.200	0.315	8.209	0.455	8.213	0.493	8.222	0.426
5.918	-0.002	5.931	-0.035	5.937	-0.006	5.945	0.019	8.229	0.354	8.235	0.265	8.242	0.358	8.248	0.439
5.956	-0.015	5.958	-0.061	5.967	-0.091	5.979	-0.104	8.268	0.282	8.282	0.198	8.300	0.041	8.319	-0.013
5.988	-0.121	5.999	0.023	6.010	0.010	6.014	0.065	8.334	-0.102	8.350	-0.165	8.364	-0.081	8.376	0.063
6.018	0.099	6.025	0.083	6.028	-0.062	6.037	-0.100	8.389	0.190	8.395	0.228	8.406	0.211	8.414	0.232
6.039	-0.129	6.041	-0.172	6.047	-0.189	6.058	-0.113	8.422	0.232	8.443	0.211	8.455	0.189	8.466	0.214
6.068	0.044	6.075	0.200	6.082	0.306	6.083	0.386	8.476	0.235	8.485	0.290	8.494	0.210	8.506	0.138
6.091	0.483	6.102	0.411	6.107	0.229	6.115	0.119	8.519	0.243	8.521	0.341	8.526	0.429	8.529	0.353
6.122	0.077	6.136	0.026	6.142	-0.033	6.152	-0.067	8.559	0.209	8.539	0.188	8.550	0.133	8.563	0.107
6.164	-0.088	6.179	-0.038	6.187	0.085	6.196	0.153	8.577	0.086	8.590	0.073	8.608	0.107	8.619	0.157
6.204	0.216	6.215	0.313	6.219	0.360	6.228	0.288	8.623	0.280	8.629	0.352	8.636	0.411	8.647	0.423
6.235	0.173	6.243	0.076	6.249	0.135	6.257	0.212	8.661	0.410	8.674	0.359	8.687	0.165	8.695	0.033
6.262	0.127	6.273	-0.029	6.288	-0.105	6.294	-0.148	8.713	-0.052	8.721	-0.136	8.734	-0.187	8.753	-0.179
6.300	-0.194	6.320	-0.097	6.329	-0.025	6.332	0.005	8.763	-0.209	8.779	-0.226	8.792	-0.167	8.802	-0.133
6.342	0.018	6.352	-0.020	6.358	-0.071	6.366	-0.147	8.811	-0.104	8.823	-0.134	8.835	-0.113	8.850	-0.067
6.377	-0.181	6.384	-0.181	6.390	-0.168	6.408	-0.164	8.856	0.052	8.861	0.115	8.868	0.166	8.877	0.187
6.421	-0.134	6.434	-0.100	6.446	-0.138	6.459	-0.155	8.893	0.199	8.905	0.178	8.919	0.173	8.932	0.148
6.474	-0.138	6.499	-0.120	6.506	-0.129	6.519	-0.116	8.943	0.185	8.956	0.206	8.964	0.113	8.976	0.020
6.535	0.003	6.543	0.130	6.551	0.193	6.552	0.257	8.982	-0.022	8.995	-0.073	9.003	-0.124	9.014	-0.154
6.565	0.295	6.578	0.248	6.591	0.240	6.600	0.215	9.027	-0.176	9.046	-0.155	9.059	-0.138	9.067	-0.159
6.610	0.232	6.621	0.283	6.637	0.342	6.652	-0.271	9.079	-0.105	9.087	-0.024	9.088	0.039	9.091	0.128
6.661	0.153	6.668	0.064	6.687	0.005	6.700	-0.092	9.100	0.014	9.104	-0.109	9.106	-0.155	9.112	-0.045
6.708	-0.299	6.713	-0.422	6.722	-0.472	6.739	-0.438	9.117	0.128	9.124	0.242	9.125	0.340	9.135	0.230
6.763	-0.513	6.769	-0.547	6.781	-0.572	6.797	-0.479	9.138	0.200	9.148	0.268	9.153	0.310	9.162	0.242
6.808	-0.284	6.821	-0.144	6.831	-0.064	6.840	-0.118	9.172	0.196	9.190	0.179	9.201	0.158	9.214	0.090
6.847	-0.135	6.861	-0.177	6.874	-0.016	6.881	0.153	9.222	0.044	9.233	0.023	9.247	0.052	9.267	0.065
6.890	0.221	6.898	0.251	6.911	0.268	6.919	0.218	9.274	0.006	9.281	0.066	9.289	0.031	9.297	0.124
6.931	0.078	6.937	-0.103	6.945	-0.260	6.959	0.412	9.317	0.196	9.338	0.230	9.357	0.268	9.368	0.323
6.957	-0.471	6.963	-0.522	6.976	-0.445	6.986	-0.289	9.388	0.302	9.407	0.192	9.423	0.053	9.439	-0.044
6.997	-0.174	7.018	-0.191	7.037	-0.043	7.049	0.135	9.450	0.070	9.475	0.167	9.482	0.129	9.498	0.092
7.058	0.219	7.068	0.283	7.078	0.241	7.091	0.110	9.523	0.219	9.539	0.244	9.555	0.168	9.574	0.071
7.104	0.063	7.112	0.029	7.123	0.089	7.131	0.127	9.598	0.012	9.612	-0.097	9.625	-0.182	9.638	-0.271
7.146	-0.009	7.168	-0.144	7.183	-0.228	7.204	-0.287	9.644	-0.275	9.667	-0.338	9.683	-0.321	9.700	-0.215
7.213	-0.321	7.223	-0.359	7.238	-0.313	7.254	-0.258	9.727	-0.126	9.756	-0.117	9.781	-0.117	9.806	-0.070
7.267	-0.232	7.276	-0.274	7.286	-0.384	7.294	-0.486	9.808	-0.125	9.833	-0.213	9.846	-0.087	9.865	-0.015
7.299	-0.541	7.314	-0.363	7.318	-0.135	7.325	0.073	9.885	0.015	9.909	0.011	9.935	-0.002	9.957	-0.035
7.331	0.170	7.338	0.208	7.352	0.136	7.362	0.031	9.971	-0.065	9.992	-0.124	10.011	-0.149	10.042	-0.154
7.369	-0.071	7.378	-0.025	7.388	-0.092	7.402	-0.198	10.056	-0.124	10.074	-0.039	10.091	0.067	10.110	0.185
7.417	-0.015	7.433	-0.164	7.433	-0.262	7.446	-0.152	10.125	0.109	10.142	0.079	10.164	0.071	10.193	0.066
7.453	-0.004	7.461	0.106	7.469	0.144	7.480	0.191	10.213	0.028	10.220	0.069	10.231	-0.137	10.251	-0.056
7.486	0.102	7.495	-0.004	7.504	-0.106	7.511	-0.182	10.277	0.014	10.300	0.041	10.315	-0.031	10.332	-0.120
7.522	-0.021	7.537	0.114	7.543	0.114	7.558	0.025	10.340	-0.162	10.364	-0.099	10.383	-0.158	10.395	-0.243
7.566	-0.064	7.575	-0.178	7.585	-0.301	7.598	-0.161	10.414	-0.345	10.441	-0.277	10.452	-0.184	10.467	-0.252
7.609	-0.081	7.624	0.004	7.635	-0.056	7.642	-0.250	10.484	-0.150	10.498	-0.243	10.522	-0.142	10.527	-0.197
7.653	-0.339	7.659	-0.403	7.674	-0.305	7.687	-0.098	10.538	-0.133	10.560	-0.086	10.581	-0.137	10.598	-0.192
7.701	0.037	7.719	0.071	7.721	0.092	7.727	0.139	10.614	-0.238	10.636	-0.137	10.663	-0.065	10.695	-0.018
7.737	0.189	7.747	0.202	7.756	0.181	7.764	0.198	10.731	0.012	10.753	0.033	10.777	-0.009	10.800	0.033
7.780	0.236	7.795	0.224	7.806	0.207	7.821	0.165	10.829	0.093	10.848	0.156	10.867	0.161	10.889	0.097
7.838	0.034	7.853	-0.127	7.869	-0.284	7.882	-0.385	10.909	0.085	10.933	0.085	10.958	0.034	10.985	0.064
7.892	-0.499	7.905	-0.541	7.913	-0.584	7.926	-0.524	11.012	0.082	11.024	0.031	11.046	-0.011	11.064	-0.053
7.942	-0.313	7.953	-0.198	7.964	-0.173	7.982	-0.118	11.087	-0.065	11.124	-0.027	11.151	0.054	11.174	0.118

11.214	0.262	11.233	0.182	11.245	0.068	11.256	0.026	16.210	-0.098	16.247	-0.107	16.287	-0.107	16.326	-0.056
11.277	0.064	11.296	0.077	11.315	0.069	11.337	0.056	16.348	-0.106	16.378	-0.119	16.397	-0.098	16.434	-0.097
11.359	0.086	11.376	0.137	11.395	0.091	11.412	0.070	16.464	-0.080	16.494	-0.042	16.524	-0.021	16.549	0.005
11.431	0.142	11.453	0.054	11.472	0.003	11.494	-0.056	16.587	0.031	16.617	0.056	16.645	0.069	16.666	0.086
11.504	-0.145	11.520	-0.199	11.539	-0.169	11.557	-0.131	16.692	0.014	16.714	0.006	16.744	0.002	16.780	0.002
11.576	-0.139	11.594	-0.143	11.611	-0.143	11.635	-0.105	16.800	0.049	16.819	0.125	16.839	0.079	16.869	0.091
11.660	-0.087	11.682	-0.058	11.699	-0.045	11.717	-0.070	16.894	0.083	16.911	0.037	16.949	0.020	16.982	0.058
11.738	-0.108	11.750	-0.146	11.768	-0.172	11.787	-0.142	17.007	0.109	17.027	0.164	17.060	0.173	17.094	0.207
11.796	-0.121	11.820	-0.053	11.841	-0.074	11.852	-0.087	17.126	0.173	17.147	0.148	17.169	0.097	17.190	0.068
11.868	-0.125	11.889	-0.036	11.914	-0.028	11.932	-0.066	17.213	0.110	17.231	0.144	17.246	0.110	17.262	0.063
11.948	-0.070	11.970	-0.079	11.995	-0.011	12.016	0.005	17.279	0.106	17.300	0.148	17.325	0.127	17.350	0.105
12.046	0.010	12.070	-0.007	12.091	-0.037	12.116	-0.046	17.375	0.088	17.402	0.105	17.419	0.097	17.445	0.054
12.131	-0.041	12.150	-0.037	12.162	-0.071	12.181	-0.101	17.467	0.029	17.501	0.059	17.536	0.054	17.571	-0.013
12.201	-0.080	12.215	-0.046	12.231	0.008	12.242	0.059	17.597	-0.052	17.637	-0.090	17.660	-0.115	17.692	-0.136
12.258	0.110	12.279	0.147	12.296	0.143	12.327	0.143	17.713	-0.081	17.730	-0.031	17.738	0.041	17.756	0.071
12.346	0.138	12.360	0.062	12.379	0.011	12.406	-0.023	17.779	0.041	17.800	-0.018	17.827	-0.057	17.858	-0.091
12.429	-0.015	12.448	0.010	12.464	-0.007	12.488	0.010	17.888	-0.103	17.920	-0.087	17.947	-0.049	17.972	-0.015
12.501	0.086	12.515	0.153	12.539	0.170	12.552	0.149	17.993	-0.032	18.022	-0.096	18.050	-0.117	18.076	-0.126
12.566	0.158	12.588	0.175	12.603	0.116	12.617	0.065	18.100	-0.083	18.125	0.014	18.159	0.018	18.205	0.022
12.652	0.057	12.678	0.082	12.708	0.061	12.724	0.032	18.240	0.0	18.267	-0.008	18.293	-0.008	18.322	-0.038
12.748	0.096	12.769	0.206	12.789	0.193	12.808	0.134	18.349	0.0	18.373	0.033	18.402	0.025	18.431	0.067
12.834	0.147	12.856	0.189	12.879	0.236	12.909	0.321	18.458	0.100	18.479	0.028	18.504	0.020	18.528	0.015
12.947	0.296	12.977	0.253	13.011	0.245	13.044	0.279	18.549	-0.019	18.575	-0.078	18.603	-0.045	18.629	-0.019
13.068	0.241	13.089	0.216	13.119	0.200	13.144	0.200	18.666	-0.003	18.698	-0.037	18.733	-0.071	18.766	-0.130
13.167	0.090	13.187	-0.054	13.207	-0.024	13.222	-0.011	18.786	-0.156	18.814	-0.186	18.837	-0.144	18.861	-0.089
13.238	-0.015	13.253	-0.053	13.272	-0.116	13.302	-0.133	18.885	-0.030	18.909	-0.009	18.934	-0.009	18.955	-0.052
13.323	-0.133	13.339	-0.124	13.364	-0.095	13.382	-0.107	18.974	-0.099	19.001	-0.061	19.025	-0.049	19.047	-0.066
13.394	-0.141	13.418	-0.153	13.444	-0.153	13.458	-0.161	19.071	-0.016	19.095	0.043	19.118	0.081	19.141	-0.068
13.471	-0.216	13.482	-0.263	13.498	-0.301	13.514	-0.254	19.159	-0.008	19.167	-0.021	19.185	-0.098	19.207	-0.039
13.531	-0.203	13.545	-0.212	13.565	-0.288	13.595	-0.208	19.233	-0.006	19.249	-0.019	19.269	0.053	19.293	0.095
13.623	-0.166	13.646	-0.145	13.668	-0.146	13.685	-0.171	19.320	0.111	19.344	0.081	19.368	0.043	19.386	0.026
13.709	-0.197	13.728	-0.223	13.749	-0.278	13.767	-0.189	19.405	-0.004	19.424	-0.038	19.447	0.003	19.466	0.045
13.787	-0.105	13.813	-0.080	13.851	-0.064	13.880	-0.051	19.487	0.087	19.517	0.146	19.543	0.094	19.567	0.073
13.908	-0.094	13.939	-0.095	13.970	-0.137	13.985	-0.083	19.597	0.055	19.637	0.041	19.664	0.079	19.704	0.116
14.017	0.027	14.037	-0.016	14.068	-0.025	14.093	0.0	19.738	0.137	19.767	0.182	19.792	0.148	19.808	0.110
14.120	-0.030	14.144	-0.034	14.163	-0.031	14.195	0.015	19.833	0.063	19.852	0.020	19.881	0.019	19.911	0.082
14.214	0.041	14.238	0.006	14.265	-0.036	14.294	0.005	19.934	0.078	19.974	0.069	20.011	0.069	20.044	0.103
14.316	0.051	14.333	0.072	14.357	0.034	14.380	0.017	20.070	0.044	20.097	0.001	20.118	-0.007	20.147	0.035
14.407	0.033	14.429	-0.001	14.448	-0.069	14.470	-0.111	20.178	0.056	20.218	0.056	20.243	0.047	20.267	0.026
14.494	-0.064	14.526	-0.047	14.559	-0.029	14.577	0.021	20.294	0.013	20.321	0.038	20.353	0.021	20.385	0.009
14.591	-0.063	14.609	-0.093	14.636	-0.029	14.671	0.022	20.417	0.026	20.441	-0.042	20.465	-0.088	20.495	-0.096
14.704	0.060	14.735	0.094	14.763	0.090	14.800	0.103	20.524	-0.121	20.558	-0.100	20.588	-0.062	20.612	-0.057
14.822	0.057	14.840	0.074	14.861	0.129	14.891	0.146	20.641	-0.074	20.671	-0.099	20.698	-0.141	20.728	-0.162
14.912	0.176	14.937	0.239	14.961	0.185	14.984	0.147	20.759	-0.133	20.784	-0.090	20.803	-0.094	20.831	-0.060
15.012	0.130	15.035	0.071	15.057	0.071	15.081	0.084	20.866	-0.056	20.896	-0.102	20.926	-0.085	20.952	-0.085
15.102	0.072	15.124	0.059	15.151	0.106	15.172	0.136	20.992	-0.035	21.017	0.008	21.046	0.046	21.073	0.025
15.196	0.136	15.223	0.102	15.263	0.128	15.281	0.103	21.091	0.008	21.105	-0.034	21.129	-0.068	21.148	-0.055
15.302	0.023	15.319	0.002	15.351	0.049	15.369	-0.002	21.177	-0.005	21.209	0.004	21.234	0.021	21.265	0.038
15.390	-0.066	15.417	-0.028	15.441	0.023	15.467	-0.007	21.297	0.002	21.333	0.021	21.353	-0.004	21.378	-0.038
15.497	0.010	15.518	0.044	15.548	0.056	15.579	0.052	21.494	-0.009	21.527	-0.042	21.436	0.054	21.462	0.012
15.611	0.009	15.631	-0.067	15.663	-0.063	15.684	-0.050	21.615	-0.014	21.647	0.011	21.691	-0.031	21.583	-0.057
15.707	-0.012	15.729	0.026	15.757	0.013	15.772	-0.034	21.898	0.001	21.933	0.026	21.952	0.009	21.976	0.034
15.787	-0.055	15.816	-0.030	15.835	-0.072	15.854	-0.131	22.006	-0.013	22.020	-0.039	22.043	-0.073	22.065	-0.052
15.873	-0.152	15.900	-0.114	15.926	-0.114	15.956	-0.110	22.087	0.024	22.119	0.041	22.138	0.024	22.159	0.011
15.994	-0.153	16.011	-0.182	16.040	-0.119	16.072	-0.047								
16.107	-0.022	16.134	-0.022	16.159	-0.022	16.184	-0.073								

22.185	0.015	22.204	0.027	22.224	0.001	22.256	0.001	29.104	-0.027	29.123	-0.036	29.148	0.019	29.175	0.023
22.283	-0.024	22.304	0.013	22.321	0.064	22.351	0.047	29.196	0.019	29.225	0.002	29.250	0.019	29.277	0.018
22.373	0.004	22.399	-0.030	22.416	-0.005	22.451	0.029	29.309	0.001	29.352	0.001	29.377	0.005	29.417	0.030
22.481	0.028	22.513	0.024	22.546	0.024	22.589	0.006	29.448	0.018	29.475	0.030	29.505	-0.008	29.544	-0.017
22.617	0.014	22.647	0.023	22.687	0.022	22.714	0.043	29.569	0.009	29.594	0.030	29.624	0.021	29.648	0.025
22.731	0.022	22.766	-0.021	22.799	-0.025	22.842	0.0	29.670	0.025	29.686	0.025	29.708	0.038	29.737	0.009
22.873	0.025	22.913	0.054	22.951	0.062	22.976	0.079	29.750	-0.012	29.766	-0.016	29.780	-0.020	29.794	-0.020
23.012	0.032	23.048	-0.002	23.075	0.044	23.097	0.074	29.807	-0.007	29.820	0.010	29.831	0.023	29.845	0.023
23.134	0.056	23.159	-0.003	23.197	0.018	23.223	0.013	29.867	0.011	29.877	-0.010	29.886	-0.018	29.899	-0.035
23.266	-0.029	23.303	-0.026	23.334	0.021	23.361	0.037	29.907	-0.039	29.921	-0.038	29.931	-0.026	29.951	-0.018
23.382	0.012	23.410	-0.014	23.445	0.003	23.478	0.011	29.969	-0.034	29.981	-0.035	30.002	-0.038	30.015	-0.029
23.500	-0.027	23.527	-0.053	23.557	-0.019	23.589	0.010	30.027	-0.025	30.042	-0.029	30.054	-0.033	30.073	-0.033
23.620	-0.003	23.650	-0.037	23.688	-0.037	23.726	-0.025	30.091	-0.024	30.105	-0.024	30.116	-0.036	30.119	-0.053
23.766	-0.038	23.808	-0.021	23.849	-0.009	23.886	-0.005	30.129	-0.070	30.141	-0.083	30.165	-0.049	30.178	-0.023
23.930	-0.014	23.959	-0.018	23.993	-0.065	24.020	-0.027	30.197	-0.006	30.207	-0.014	30.226	-0.014	30.237	-0.026
24.055	0.015	24.091	0.015	24.125	0.006	24.168	-0.037	30.245	-0.009	30.261	-0.009	30.288	-0.017	30.302	-0.047
24.200	-0.041	24.243	-0.029	24.267	0.009	24.288	-0.007	30.314	-0.059	30.328	-0.047	30.347	-0.030	30.374	-0.047
24.321	-0.041	24.351	-0.020	24.393	-0.020	24.418	-0.007	30.389	-0.021	30.410	-0.004	30.427	-0.021	30.440	-0.047
24.454	0.010	24.479	0.022	24.513	0.022	24.545	0.035	30.462	-0.051	30.480	-0.021	30.499	0.008	30.510	0.030
24.573	0.035	24.610	0.031	24.628	0.031	24.651	-0.007	30.525	0.030	30.545	0.017	30.574	0.030	30.593	0.030
24.671	-0.041	24.693	0.010	24.715	0.065	24.736	0.077	30.613	0.0	30.625	-0.021	30.640	-0.047	30.654	-0.059
24.779	0.060	24.806	0.039	24.837	0.001	24.872	-0.024	30.667	-0.055	30.686	-0.055	30.704	-0.055	30.721	-0.030
24.897	-0.045	24.940	0.006	24.961	0.036	24.986	-0.002	30.734	0.008	30.749	0.042	30.763	0.046	30.784	0.055
25.017	-0.027	25.050	-0.027	25.082	-0.019	25.112	-0.035	30.814	0.063	30.830	0.030	30.843	-0.013	30.856	-0.042
25.144	-0.035	25.170	0.007	25.205	0.016	25.239	0.016	30.877	-0.042	30.896	-0.004	30.914	0.017	30.930	0.017
25.266	0.042	25.296	0.042	25.322	0.029	25.347	-0.026	30.949	-0.017	30.979	0.038	31.002	0.021	31.031	0.008
25.381	-0.017	25.411	0.025	25.439	0.051	25.463	0.0	31.050	-0.013	31.063	-0.030	31.077	-0.030	31.103	-0.030
25.487	0.0	25.517	-0.038	25.544	-0.084	25.567	-0.059	31.127	0.004	31.141	0.042	31.154	0.085	31.168	0.110
25.594	-0.059	25.623	-0.021	25.650	0.017	25.688	-0.016	31.185	0.131	31.199	0.131	31.218	0.123	31.237	0.093
25.727	-0.012	25.759	-0.008	25.804	0.001	25.850	0.018	31.250	0.046	31.263	0.021	31.280	0.004	31.300	0.008
25.892	0.018	25.924	0.026	25.974	0.005	26.022	0.035	31.325	0.021	31.346	0.055	31.368	0.068	31.386	0.076
26.065	0.030	26.087	0.009	26.118	0.047	26.150	0.017	31.407	0.025	31.416	-0.013	31.439	-0.051	31.452	-0.017
26.189	-0.004	26.219	0.008	26.257	0.021	26.285	-0.026	31.477	-0.004	31.492	-0.013	31.509	-0.017	31.525	0.034
26.323	0.029	26.347	0.033	26.378	0.001	26.411	-0.018	31.544	0.080	31.562	0.097	31.581	0.089	31.602	0.089
26.439	-0.061	26.466	-0.078	26.496	-0.014	26.527	-0.006	31.632	0.076	31.651	0.017	31.669	-0.030	31.682	-0.063
26.559	0.032	26.584	0.082	26.607	0.053	26.634	0.018	31.717	-0.030	31.733	-0.055	31.751	-0.076	31.773	-0.042
26.663	-0.016	26.690	-0.041	26.719	-0.020	26.759	-0.037	31.799	-0.021	31.829	-0.021	31.861	0.030	31.877	0.059
26.793	-0.025	26.829	-0.029	26.856	-0.051	26.888	-0.013	31.901	0.097	31.922	0.097	31.946	0.055	31.967	0.013
26.925	-0.022	26.958	0.004	26.988	-0.022	27.017	-0.014	31.987	-0.021	32.018	-0.021	32.032	-0.030	32.055	-0.038
27.043	0.003	27.074	0.007	27.101	0.024	27.132	0.002	32.079	-0.025	32.103	-0.021	32.120	0.0	32.147	0.0
27.153	-0.040	27.165	-0.061	27.196	-0.002	27.228	-0.036	32.170	-0.034	32.186	-0.063	32.208	-0.034	32.245	-0.009
27.286	-0.074	27.286	-0.011	27.319	0.005	27.354	0.031	32.268	0.008	32.284	0.021	32.311	0.013	32.339	-0.004
27.386	0.030	27.410	-0.008	27.443	0.017	27.475	0.017	32.353	0.004	32.373	-0.009	32.406	-0.068	32.418	-0.097
27.501	0.0	27.533	0.042	27.578	0.067	27.612	0.075	32.448	-0.081	32.479	-0.059	32.493	-0.034	32.516	-0.017
27.647	0.067	27.683	0.083	27.707	0.032	27.733	-0.006	32.539	-0.013	32.560	-0.043	32.574	-0.022	32.593	0.008
27.765	0.015	27.810	0.011	27.848	0.032	27.885	0.044	32.614	0.033	32.643	-0.005	32.669	-0.013	32.688	0.016
27.913	0.069	27.934	-0.003	27.966	-0.020	28.096	0.046	32.703	0.042	32.726	0.067	32.751	0.025	32.773	-0.009
28.025	-0.025	28.048	0.017	28.075	0.033	28.096	0.046	32.794	-0.039	32.813	-0.047	32.832	-0.039	32.852	-0.035
28.119	-0.012	28.131	-0.018	28.159	0.028	28.181	0.028	32.870	-0.022	32.894	0.003	32.907	0.028	32.931	0.032
28.217	-0.040	28.247	-0.062	28.279	-0.020	28.311	-0.020	32.963	0.007	32.988	0.024	33.001	0.028	33.018	0.019
28.344	-0.016	28.387	-0.017	28.429	-0.017	28.461	-0.039	33.043	0.006	33.059	-0.040	33.069	-0.061	33.090	-0.053
28.496	-0.047	28.531	-0.056	28.560	-0.014	28.599	-0.010	33.107	-0.044	33.125	-0.028	33.143	-0.002	33.166	0.023
28.626	-0.006	28.647	-0.045	28.676	-0.045	28.705	-0.037	33.198	0.023	33.227	0.014	33.246	-0.003	33.267	-0.011
28.748	-0.003	28.769	0.047	28.788	0.013	28.818	0.005	33.294	-0.033	33.315	-0.033	33.337	-0.028	33.356	-0.007
28.855	0.0	28.887	0.004	28.925	-0.009	28.963	0.028	33.388	0.014	33.414	-0.008	33.435	-0.020	33.448	-0.033
28.992	0.024	29.024	0.032	29.048	0.003	29.080	-0.027	33.484	-0.016	33.505	-0.008	33.537	0.018	33.559	-0.004

33.593	0.009	33.614	0.034	33.631	0.051	33.651	0.017	38.622	0.021	38.643	0.013	38.658	0.004	38.674	0.0
33.665	-0.004	33.691	0.021	33.711	0.038	33.726	0.072	38.693	-0.009	38.715	-0.021	38.730	-0.025	38.749	-0.025
33.740	0.089	33.767	0.064	33.796	0.089	33.815	0.034	38.765	-0.025	38.781	-0.025	38.800	-0.004	38.829	0.008
33.834	0.030	33.853	0.013	33.869	0.046	33.885	0.021	38.853	0.004	38.872	-0.004	38.888	-0.004	38.915	-0.004
33.901	0.0	33.925	0.034	33.946	0.063	33.968	0.059	38.929	-0.009	38.952	-0.009	38.987	-0.008	39.003	0.008
33.995	0.042	34.021	0.030	34.047	0.004	34.066	-0.013	39.023	0.004	39.041	0.004	39.059	0.004	39.081	-0.013
34.090	-0.009	34.123	0.0	34.144	0.0	34.161	-0.013	39.098	-0.013	39.118	-0.013	39.137	-0.013	39.151	-0.013
34.187	-0.013	34.211	-0.034	34.232	-0.030	34.250	-0.030	39.170	0.008	39.191	0.021	39.217	-0.013	39.237	0.038
34.262	-0.030	34.279	-0.030	34.316	0.017	34.330	-0.004	39.260	0.038	39.281	0.021	39.299	-0.008	39.318	-0.008
34.353	-0.004	34.378	0.013	34.404	0.013	34.430	0.009	39.335	-0.013	39.363	-0.038	39.387	-0.021	39.409	0.0
34.449	-0.021	34.475	-0.034	34.499	-0.030	34.522	-0.030	39.427	0.013	39.454	0.013	39.485	-0.008	39.503	-0.008
34.541	-0.055	34.565	-0.055	34.591	-0.042	34.616	0.030	39.517	-0.016	39.544	-0.025	39.562	-0.033	39.575	-0.033
34.629	0.068	34.649	0.089	34.665	0.063	34.678	0.055	39.599	-0.033	39.620	-0.003	39.637	0.022	39.654	0.039
34.713	0.076	34.743	0.038	34.764	0.008	34.783	-0.017	39.678	0.018	39.697	0.001	39.723	-0.012	39.753	-0.016
34.830	-0.005	34.850	0.005	34.850	0.025	34.873	0.004	39.775	-0.016	39.802	-0.020	39.825	-0.016	39.838	-0.011
34.895	-0.005	34.913	-0.005	34.949	0.016	34.970	0.016	39.860	-0.011	39.887	0.014	39.913	-0.002	39.940	-0.015
34.997	0.016	35.029	0.037	35.047	0.033	35.069	0.028	39.967	-0.028	39.996	-0.023	40.014	-0.019	40.041	-0.031
35.111	0.020	35.136	-0.031	35.154	-0.065	35.173	-0.061	40.058	-0.031	40.079	-0.031	40.093	-0.019	40.116	-0.010
35.195	-0.044	35.218	-0.027	35.240	0.011	35.251	0.023	40.145	-0.039	40.165	-0.044	40.188	-0.035	40.202	-0.043
35.275	-0.015	35.297	-0.032	35.315	-0.045	35.334	-0.050	40.232	-0.026	40.253	-0.035	40.267	-0.035	40.291	-0.026
35.353	-0.050	35.383	-0.016	35.403	-0.016	35.430	-0.017	40.309	-0.018	40.327	-0.018	40.368	-0.020	40.392	0.004
35.450	-0.017	35.485	-0.009	35.519	-0.009	35.544	-0.047	40.418	0.004	40.444	0.004	40.466	-0.005	40.489	-0.017
35.562	-0.073	35.581	-0.048	35.602	-0.014	35.627	-0.006	40.516	-0.026	40.531	-0.026	40.551	-0.009	40.584	-0.009
35.651	0.041	35.678	0.066	35.697	0.061	35.717	0.033	40.611	-0.009	40.639	-0.009	40.669	-0.004	40.688	-0.004
35.749	0.031	35.769	0.006	35.795	-0.033	35.814	-0.041	40.703	-0.004	40.730	0.004	40.753	0.004	40.772	0.004
35.834	-0.042	35.856	0.001	35.882	0.030	35.910	0.030	40.801	0.017	40.815	0.009	40.834	0.0	40.864	0.022
35.935	0.029	35.967	0.016	35.992	0.008	36.011	0.003	40.885	0.005	40.910	0.051	40.936	0.030	40.963	0.018
36.035	-0.001	36.058	0.028	36.088	0.049	36.116	0.028	40.984	0.005	41.006	0.001	41.030	0.009	41.066	0.018
36.140	0.006	36.172	-0.011	36.215	-0.020	36.247	0.005	41.087	0.014	41.103	0.014	41.142	0.022	41.169	0.005
36.282	0.022	36.306	0.034	36.336	0.051	36.356	0.025	41.198	0.014	41.222	0.006	41.246	0.023	41.268	0.023
36.378	0.012	36.405	-0.009	36.428	-0.026	36.453	-0.001	41.297	0.032	41.318	0.028	41.337	0.032	41.371	0.036
36.474	0.020	36.495	0.036	36.517	0.032	36.544	0.006	41.403	0.020	41.434	0.016	41.463	0.007	41.490	-0.001
36.562	-0.003	36.583	-0.003	36.605	-0.003	36.629	0.006	41.513	-0.001	41.543	-0.009	41.570	0.0	41.601	0.004
36.653	0.043	36.679	0.051	36.709	0.051	36.734	0.046	41.635	-0.001	41.660	-0.013	41.683	0.004	41.710	0.009
36.763	0.029	36.787	0.012	36.821	-0.022	36.848	0.003	41.742	-0.008	41.776	-0.020	41.804	-0.024	41.831	-0.024
36.870	0.003	36.905	0.002	36.929	0.032	36.957	0.006	41.845	-0.024	41.884	-0.007	41.903	-0.007	41.929	-0.019
36.976	-0.011	37.003	-0.007	37.030	0.018	37.051	0.014	41.948	-0.019	41.971	-0.019	41.997	-0.019	42.013	-0.023
37.073	0.005	37.102	-0.008	37.131	0.013	37.150	0.0	42.038	-0.023	42.058	-0.023	42.085	-0.035	42.109	-0.031
37.174	-0.017	37.203	-0.026	37.233	-0.056	37.268	-0.035	42.129	-0.027	42.149	-0.027	42.174	-0.026	42.203	-0.018
37.296	-0.006	37.323	0.003	37.337	-0.002	37.376	0.019	42.223	-0.018	42.249	-0.026	42.273	-0.026	42.310	-0.026
37.395	0.006	37.417	-0.015	37.435	-0.011	37.552	0.014	42.329	-0.009	42.352	-0.001	42.371	-0.005	42.393	-0.005
37.584	0.013	37.599	0.013	37.616	0.013	37.626	0.013	42.421	0.004	42.438	0.004	42.467	0.012	42.494	0.0
37.644	-0.004	37.661	-0.013	37.680	-0.026	37.687	-0.026	42.520	-0.009	42.547	-0.009	42.566	-0.009	42.594	-0.013
37.706	-0.030	37.721	-0.030	37.742	-0.001	37.748	0.016	42.619	-0.017	42.635	-0.017	42.661	0.0	42.691	0.0
37.766	-0.033	37.777	0.041	37.793	0.037	37.814	0.029	42.730	0.004	42.751	-0.005	42.776	-0.005	42.802	-0.005
37.830	0.024	37.849	0.016	37.858	0.007	37.880	-0.006	42.832	-0.013	42.866	-0.014	42.891	-0.014	42.916	-0.014
37.895	-0.006	37.914	-0.006	37.936	-0.017	37.953	-0.002	42.938	-0.014	42.960	0.007	42.996	0.011	43.021	0.024
37.965	0.019	37.980	0.032	37.996	0.036	38.017	0.027	43.052	0.028	43.076	0.024	43.096	0.015	43.116	0.002
38.036	0.018	38.062	0.002	38.077	-0.011	38.107	0.005	43.136	-0.006	43.151	-0.006	43.175	-0.011	43.197	-0.002
38.123	0.018	38.147	0.014	38.163	0.014	38.180	0.031	43.215	0.015	43.233	0.014	43.255	0.023	43.281	0.044
38.188	0.035	38.221	0.030	38.237	0.035	38.249	0.030	43.306	0.022	43.322	0.022	43.348	0.030	43.370	0.021
38.274	0.009	38.295	-0.020	38.314	-0.004	38.332	0.005	43.396	0.021	43.412	0.025	43.434	0.025	43.453	0.025
38.356	0.013	38.383	0.017	38.399	0.022	38.411	0.022	43.471	0.025	43.495	0.029	43.511	0.020	43.532	0.016
38.433	0.017	38.451	0.009	38.468	-0.012	38.478	-0.021	43.551	0.015	43.572	0.007	43.589	0.002	43.615	0.010
38.491	-0.025	38.510	-0.025	38.525	-0.034	38.537	-0.029	43.641	0.019	43.660	0.018	43.692	0.027	43.716	0.026
38.549	-0.021	38.561	-0.008	38.577	0.017	38.597	0.030	43.758	0.034	43.783	0.017	43.811	0.0	43.837	-0.013

43.864	-0.018	43.886	-0.001	43.909	0.007	43.936	0.015	49.110	0.001	49.147	-0.029	49.166	-0.003	49.181	0.005
43.956	0.019	43.976	0.023	43.999	0.015	44.015	0.006	49.209	0.009	49.238	0.018	49.257	0.035	49.284	0.014
44.031	0.006	44.047	0.001	44.070	0.001	44.084	0.001	49.304	0.001	49.336	0.013	49.360	-0.008	49.395	0.005
44.108	0.013	44.125	0.013	44.141	0.013	44.162	0.013	49.415	0.001	49.442	0.001	49.469	0.0	49.487	0.0
44.181	0.013	44.205	0.012	44.219	0.012	44.245	-0.001	49.505	0.0	49.523	-0.004	49.547	0.0	49.576	0.005
44.269	-0.001	44.285	0.008	44.308	0.016	44.327	0.020	49.605	0.004	49.630	0.0	49.656	0.0	49.682	0.0
44.348	0.020	44.377	0.007	44.401	-0.002	44.426	-0.002	49.708	0.0	49.727	-0.008	49.748	-0.013	49.772	0.004
44.451	-0.002	44.477	-0.003	44.496	-0.003	44.527	-0.003	49.793	-0.009	49.814	0.004	49.830	0.012	49.853	0.008
44.550	-0.003	44.577	-0.003	44.598	-0.004	44.616	0.0	49.888	0.025	49.908	0.021	49.932	0.012	49.953	0.004
44.640	0.009	44.666	0.013	44.675	0.021	44.698	0.008	49.967	-0.001	50.001	0.008	50.046	0.025	50.070	0.008
44.722	-0.001	44.746	-0.009	44.761	-0.026	44.784	-0.027	50.095	0.008	50.114	0.008	50.135	0.007	50.167	0.007
44.800	-0.018	44.823	-0.014	44.851	-0.002	44.882	0.006	50.201	-0.010	50.227	0.003	50.251	0.011	50.269	0.007
44.913	-0.003	44.940	-0.011	44.970	-0.012	44.984	-0.012	50.288	0.003	50.309	0.002	50.333	-0.006	50.347	-0.023
45.013	0.001	45.029	0.0	45.051	-0.008	45.078	-0.017	50.378	-0.002	50.399	-0.002	50.418	-0.006	50.442	-0.002
45.104	-0.017	45.134	-0.018	45.161	-0.018	45.178	-0.018	50.463	0.006	50.489	0.014	50.508	0.014	50.533	0.006
45.213	-0.010	45.255	0.003	45.283	0.007	45.307	0.002	50.560	-0.007	50.579	0.005	50.605	0.014	50.631	0.009
45.341	0.006	45.369	0.019	45.397	0.006	45.417	0.018	50.649	0.009	50.678	0.009	50.710	0.009	50.745	0.0
45.443	0.006	45.465	0.001	45.486	-0.012	45.510	-0.016	50.785	-0.018	50.804	-0.018	50.844	-0.006	50.873	-0.006
45.522	-0.016	45.542	-0.016	45.561	-0.016	45.578	-0.008	50.900	-0.002	50.926	-0.002	50.946	-0.002	50.969	-0.003
45.612	0.013	45.632	0.009	45.650	0.008	45.685	0.009	50.993	0.001	51.017	0.005	51.034	0.005	51.057	0.013
45.709	0.009	45.728	0.009	45.767	0.009	45.799	0.005	51.076	0.017	51.109	0.004	51.135	-0.004	51.167	-0.005
45.818	0.001	45.842	0.001	45.863	-0.012	45.892	0.001	51.193	-0.006	51.205	-0.006	51.240	0.002	51.264	0.010
45.912	0.014	45.938	0.018	45.965	0.018	45.985	0.018	51.296	0.017	51.319	0.008	51.351	-0.009	51.365	-0.009
46.009	0.014	46.031	0.006	46.050	-0.003	46.071	-0.003	51.392	-0.019	51.416	-0.023	51.436	-0.020	51.479	-0.020
46.105	0.002	46.121	0.002	46.167	0.023	46.195	0.028	51.506	-0.021	51.536	-0.022	51.574	-0.018	51.601	-0.023
46.222	0.011	46.249	0.002	46.273	0.003	46.299	0.011	51.625	-0.024	51.663	-0.020	51.682	-0.020	51.715	-0.012
46.316	0.011	46.337	0.011	46.356	0.011	46.387	0.016	51.747	-0.013	51.780	-0.014	51.809	-0.014	51.824	-0.014
46.407	0.016	46.433	0.012	46.457	0.003	46.481	-0.001	51.847	-0.019	51.874	-0.032	51.901	-0.028	51.920	-0.024
46.503	-0.001	46.529	-0.001	46.548	-0.009	46.572	0.004	51.940	-0.025	51.955	-0.021	51.980	-0.009	51.999	-0.022
46.587	0.004	46.604	0.004	46.625	0.004	46.655	0.008	52.015	-0.026	52.036	-0.018	52.058	-0.010	52.087	-0.019
46.676	-0.004	46.694	-0.009	46.721	-0.017	46.742	-0.013	52.104	-0.023	52.128	-0.015	52.156	-0.011	52.172	-0.011
46.766	-0.005	46.790	-0.001	46.812	0.004	46.834	0.008	52.183	-0.011	52.209	-0.003	52.236	-0.007	52.253	-0.007
46.855	0.016	46.874	0.012	46.895	-0.001	46.926	-0.018	52.273	-0.007	52.296	-0.007	52.315	-0.007	52.338	-0.007
46.938	-0.027	46.962	-0.010	46.985	-0.001	47.004	-0.001	52.362	-0.012	52.383	-0.016	52.406	-0.016	52.430	-0.016
47.023	-0.002	47.041	-0.002	47.058	-0.002	47.081	-0.002	52.459	-0.016	52.475	-0.016	52.501	-0.012	52.526	-0.012
47.098	-0.010	47.117	-0.010	47.137	-0.011	47.165	-0.020	52.549	-0.012	52.572	-0.013	52.593	-0.013	52.615	0.0
47.183	-0.020	47.207	0.001	47.225	0.009	47.253	0.001	52.636	0.0	52.667	0.0	52.699	0.004	52.715	0.004
47.269	0.0	47.285	0.0	47.296	0.0	47.316	0.0	52.737	0.004	52.771	0.008	52.814	-0.004	52.845	0.004
47.333	0.0	47.362	-0.001	47.388	0.007	47.412	0.011	52.869	0.013	52.887	0.004	52.912	0.004	52.935	0.0
47.436	0.011	47.463	0.015	47.485	0.015	47.512	0.002	52.961	-0.004	52.980	-0.004	53.001	0.0	53.026	0.0
47.551	0.014	47.579	0.001	47.615	-0.004	47.635	-0.008	53.046	-0.009	53.060	-0.004	53.078	0.0	53.102	0.004
47.563	-0.005	47.685	0.004	47.712	0.003	47.736	0.011	53.121	0.004	53.137	0.004	53.155	0.004	53.174	0.0
47.759	0.015	47.778	0.015	47.799	0.015	47.836	-0.003	53.205	-0.004	53.219	0.0	53.246	0.0	53.265	-0.009
47.863	0.005	47.896	0.009	47.929	0.008	47.949	0.008	53.282	-0.013	53.320	0.008	53.333	0.004	53.359	0.0
47.970	0.008	47.997	0.003	48.021	0.003	48.037	0.003	53.382	0.0	53.403	0.004	53.440	0.025	53.460	0.008
48.057	-0.002	48.077	-0.002	48.105	0.014	48.124	0.027	53.486	0.0	53.500	-0.004	53.530	0.004	53.556	0.0
48.158	0.022	48.180	0.018	48.197	0.017	48.219	0.017	53.583	0.0	53.606	0.0	53.627	0.004	53.645	0.004
48.237	0.017	48.271	0.004	48.292	0.004	48.317	0.012	53.668	0.004	53.691	0.021	53.714	0.004	53.729	-0.009
48.344	0.016	48.369	0.016	48.390	0.015	48.409	0.015	53.751	0.004	53.764	0.008	53.794	0.0	53.809	0.004
48.440	0.006	48.472	-0.007	48.485	-0.007	48.495	-0.007	53.828	0.012	53.863	-0.009	53.897	0.021	53.914	0.004
48.520	-0.007	48.539	0.001	48.560	0.001	48.583	0.001	53.935	0.008	53.985	0.012	53.985	0.020	54.011	0.020
48.610	0.017	48.633	0.0	48.649	-0.004	48.669	-0.009	54.025	0.025	54.049	0.033	54.074	0.008	54.101	0.012
48.693	-0.021	48.729	-0.026	48.745	-0.026	48.765	-0.018	54.118	0.007	54.134	0.007	54.158	0.007	54.183	-0.010
48.790	-0.001	48.818	0.003	48.839	0.007	48.863	-0.001	54.201	-0.002	54.215	-0.002	54.232	-0.002	54.253	0.002
48.888	-0.010	48.907	-0.019	48.927	-0.019	48.956	-0.019	54.278	0.002	54.304	0.006	54.329	0.005	54.356	0.005
48.972	-0.019	49.009	0.019	49.043	0.019	49.072	0.006	54.381	0.005	54.405	-0.004	54.426	-0.004	54.440	-0.004

54.456	-0.005	54.472	-0.005	54.487	-0.005	54.508	-0.005
54.527	-0.005	54.544	-0.006	54.571	-0.006	54.594	0.006
54.608	-0.015	54.627	-0.015	54.652	-0.007	54.673	0.001
54.697	0.009	54.717	0.009	54.736	0.009	54.755	0.008
54.792	-0.013	54.813	-0.005	54.835	0.007	54.859	0.007
54.880	0.006	54.899	0.002	54.930	0.014	54.951	0.013
54.975	0.005	54.991	0.004	55.010	-0.004	55.028	-0.013
55.048	-0.013	55.075	0.003	55.102	0.007	55.120	0.007
55.142	0.007	55.168	0.007	55.193	0.006	55.214	0.006
55.233	0.006	55.262	-0.015	55.284	0.001	55.308	0.009
55.327	-0.003	55.348	-0.004	55.377	-0.004	55.396	-0.004
55.411	-0.004	55.430	-0.004	55.454	-0.005	55.467	-0.009
55.481	-0.009	55.494	-0.009	55.518	0.012	55.547	-0.001
55.579	0.011	55.615	-0.019	55.647	0.011	55.667	-0.002
55.684	-0.015	55.707	-0.002	55.729	-0.002	55.755	0.006
55.771	0.006	55.795	-0.011	55.824	-0.016	55.848	-0.007
55.880	0.001	55.908	-0.008	55.932	-0.008	55.959	-0.008
55.981	-0.008	56.007	-0.008	56.035	-0.013	56.055	-0.013
56.083	-0.021	56.105	-0.005	56.126	0.008	56.144	-0.009
56.162	-0.001	56.184	0.003	56.207	0.007	56.226	0.007
56.253	0.016	56.272	0.024	56.291	0.007	56.315	-0.006
56.333	0.007	56.360	0.011	56.378	0.002	56.400	0.002
56.418	0.006	56.439	0.006	56.458	0.006	56.485	0.006
56.512	0.001	56.541	-0.003	56.565	0.009	56.591	0.018
56.621	0.013	56.650	0.001	56.672	-0.016	56.687	-0.029
56.712	-0.017	56.733	-0.008	56.755	-0.008	56.770	-0.008
56.784	0.0	56.803	0.0	56.821	-0.004	56.846	-0.009
56.868	-0.009	56.896	-0.009	56.923	-0.009	56.939	-0.009
56.967	-0.009	56.998	-0.043	57.030	-0.009	57.052	-0.014
57.081	-0.018	57.101	-0.010	57.127	-0.014	57.152	-0.014
57.178	-0.002	57.205	-0.019	57.240	-0.019	57.261	-0.019
57.287	-0.019	57.317	-0.015	57.338	-0.003	57.351	-0.011
57.377	-0.012	57.417	-0.008	57.443	-0.004	57.471	0.0
57.499	-0.004	57.523	-0.004	57.548	-0.017	57.568	-0.017
57.600	-0.009	57.621	-0.005	57.654	-0.010	57.678	0.003
57.709	0.015	57.741	0.019	57.762	0.014	57.789	0.009
57.819	0.005	57.832	0.005	57.850	0.004	57.874	0.004
57.901	0.012	57.922	0.012	57.943	0.003	57.965	0.007
57.978	0.003	58.000	0.002	58.018	-0.002	58.042	-0.002
58.071	0.014	58.095	0.014	58.127	0.009	58.154	0.008
58.178	0.008	58.202	0.007	58.223	0.007	58.240	0.007
58.259	0.006	58.280	0.006	58.304	0.006	58.328	0.005
58.346	0.005	58.368	0.005	58.395	0.004	58.413	0.004
58.442	0.007	58.467	0.007	58.483	0.007	58.498	0.006
58.517	0.015	58.534	0.015	58.550	0.014	58.574	-0.003
58.601	-0.003	58.624	-0.003	58.640	-0.004	58.664	-0.004
58.689	0.009	58.715	-0.013	58.749	0.012	58.774	-0.001
58.787	-0.001	58.805	0.003	58.824	0.003	58.842	-0.006
58.863	-0.006	58.887	0.002	58.906	0.006	58.930	0.002
58.948	0.006	58.977	0.005	58.993	-0.003	59.022	-0.008
59.048	-0.008	59.068	-0.008	59.101	-0.008	59.125	0.013
59.146	0.026	59.163	0.026	59.181	0.013	59.197	0.013
59.218	0.013	59.242	0.0	59.264	0.0	59.288	0.004
59.304	0.013	59.314	0.021	59.328	0.025	59.344	0.038
59.376	0.038						

9.634	0.216	9.660	-0.021	9.686	-0.118	9.715	-0.088	21.396	0.559	21.462	0.614	21.510	0.660	21.570	0.580
9.757	0.060	9.776	0.034	9.812	0.085	9.867	-0.080	21.642	0.415	21.699	0.242	21.762	0.127	21.844	-0.004
9.886	-0.186	9.925	-0.329	9.962	-0.520	9.988	-0.485	22.057	-0.114	21.962	-0.195	22.019	-0.258	22.043	-0.292
10.026	-0.748	10.072	-0.516	10.099	-0.258	10.133	0.034	22.081	-0.381	22.080	-0.381	22.115	-0.478	22.154	-0.491
10.152	0.195	10.173	0.356	10.185	0.352	10.203	0.470	22.214	-0.479	22.246	-0.483	22.268	-0.475	22.330	-0.576
10.248	0.364	10.293	0.123	10.324	0.063	10.342	0.038	22.367	-0.605	22.467	-0.437	22.567	-0.256	22.647	-0.019
10.362	-0.110	10.441	0.077	10.471	0.077	10.471	0.204	22.750	0.205	22.848	-0.471	22.932	0.614	22.991	0.542
10.498	0.305	10.552	0.339	10.585	0.368	10.608	0.398	23.070	0.627	23.118	0.635	23.159	0.563	23.208	0.521
10.668	0.259	10.710	0.068	10.736	-0.029	10.772	-0.029	23.217	0.428	23.341	0.292	23.419	0.072	23.496	-0.178
10.844	0.128	10.896	0.022	10.935	-0.054	10.975	-0.079	23.571	-0.326	23.636	0.462	23.717	0.572	23.805	-0.522
11.020	-0.033	11.056	-0.003	11.127	-0.083	11.172	0.006	23.833	-0.594	23.854	-0.552	23.883	-0.624	23.909	-0.590
11.219	0.103	11.253	0.015	11.276	-0.053	11.300	-0.158	23.936	-0.637	24.004	-0.574	24.109	0.432	24.199	-0.238
11.334	-0.217	11.364	-0.357	11.428	-0.411	11.502	-0.275	24.259	-0.091	24.340	0.140	24.403	0.431	24.446	0.654
11.549	-0.106	11.589	0.004	11.672	-0.236	11.709	-0.397	24.485	0.768	24.573	0.775	24.626	0.694	24.665	0.702
11.739	-0.473	11.767	-0.333	11.793	-0.333	11.834	-0.214	24.708	0.654	24.770	0.518	24.875	0.419	25.002	0.286
11.863	-0.227	11.865	-0.210	11.939	-0.370	11.987	-0.467	25.065	-0.585	25.352	-0.599	25.372	-0.620	25.393	-0.591
12.079	-0.263	12.137	-0.076	12.166	-0.254	12.404	-0.292	25.444	-0.617	25.517	-0.542	25.573	-0.429	25.629	-0.319
12.283	0.084	12.324	-0.136	12.368	-0.228	12.667	0.576	25.690	-0.193	25.789	-0.110	25.845	-0.086	25.958	0.183
12.505	-0.025	12.553	0.170	12.607	0.390	12.667	0.576	26.036	0.322	26.128	0.528	26.189	0.570	26.265	0.476
12.731	0.368	12.769	0.288	12.803	0.288	12.858	0.478	26.329	0.446	26.425	0.318	26.520	0.181	26.595	0.066
12.935	0.199	12.993	0.309	13.044	0.423	13.058	0.478	26.663	-0.002	26.764	-0.193	26.838	-0.346	26.938	-0.440
13.139	0.508	13.187	0.711	13.223	0.923	13.250	1.003	26.973	-0.436	27.004	-0.475	27.043	-0.462	27.083	-0.505
13.308	0.729	13.354	0.441	13.403	0.095	13.454	-0.151	27.134	-0.547	27.234	-0.307	27.312	-0.125	27.429	0.010
13.492	-0.205	13.565	0.023	13.619	0.146	13.690	0.045	27.541	0.179	27.631	0.330	27.689	0.407	27.760	0.386
13.786	-0.174	13.862	-0.393	13.916	-0.550	13.977	-0.545	27.849	0.079	27.892	0.513	27.945	0.458	28.024	0.352
14.030	-0.802	14.068	-1.073	14.093	-1.250	14.134	-1.301	28.105	0.166	28.179	0.036	28.249	-0.074	28.311	-0.184
14.212	-0.958	14.273	-0.615	14.312	-0.412	14.353	-0.382	28.391	-0.222	28.454	-0.311	28.499	-0.344	28.515	-0.378
14.424	-0.449	14.491	-0.271	14.545	0.059	14.596	0.203	28.543	-0.353	28.578	-0.391	28.635	-0.484	28.689	-0.539
14.660	0.296	14.715	0.364	14.761	0.415	14.809	0.466	28.707	-0.573	28.738	-0.574	28.803	-0.523	28.909	-0.329
14.859	0.652	14.886	0.817	14.928	0.944	14.966	0.838	29.017	-0.118	29.121	0.075	29.196	0.240	29.267	0.349
15.013	0.652	15.045	0.483	15.089	0.411	15.159	0.436	29.323	0.391	29.388	0.390	29.489	0.465	29.568	0.528
15.224	0.440	15.281	0.352	15.360	0.068	15.411	-0.177	29.611	0.523	29.700	0.370	29.757	0.252	29.828	0.137
15.456	-0.279	15.488	-0.236	15.514	-0.258	15.539	-0.194	29.905	-0.007	29.989	-0.113	30.066	-0.236	30.124	-0.287
15.616	-0.368	15.680	-0.516	15.722	-0.643	15.778	-0.558	30.145	-0.300	30.156	-0.355	30.186	-0.346	30.215	-0.393
15.833	-0.528	15.859	-0.533	15.931	-0.384	15.991	-0.304	30.251	-0.401	30.347	-0.410	30.365	-0.414	30.407	-0.418
16.031	-0.232	16.084	-0.055	16.162	0.174	16.272	0.390	30.444	-0.384	30.481	-0.321	30.508	-0.274	30.545	-0.215
16.384	0.614	16.463	0.876	16.489	0.935	16.553	0.720	30.738	-0.004	30.780	0.017	30.805	0.055	30.829	0.038
16.613	0.466	16.693	0.220	16.782	0.085	16.856	-0.084	30.862	0.170	30.891	0.233	30.911	0.267	30.950	0.276
16.952	-0.164	17.021	-0.296	17.095	-0.604	17.136	-0.858	30.968	0.259	30.987	0.246	30.911	0.242	31.026	0.259
17.169	-0.837	17.205	-1.269	17.253	-1.273	17.314	-1.078	31.051	0.293	31.070	0.352	31.090	0.420	31.103	0.462
17.364	-0.837	17.447	-0.697	17.536	-0.456	17.629	-0.169	31.124	0.505	31.137	0.535	31.155	0.552	31.175	0.556
17.720	0.225	17.812	0.521	17.857	0.665	17.934	0.906	31.201	0.518	31.222	0.433	31.250	0.362	31.273	0.303
17.961	0.952	17.994	0.982	18.061	1.193	18.121	1.295	31.299	0.248	31.326	0.210	31.356	0.180	31.371	0.159
18.168	1.058	18.261	0.821	18.322	0.593	18.399	0.217	31.387	0.142	31.416	0.168	31.439	0.218	31.457	0.265
18.459	-0.005	18.559	-0.219	18.662	-0.464	18.721	-0.743	31.477	0.311	31.455	0.336	31.523	0.336	31.540	0.281
18.794	-0.992	18.853	-1.159	18.869	-1.254	18.886	-1.245	31.562	0.279	31.581	0.150	31.601	0.090	31.630	0.023
18.907	-1.305	18.974	-1.131	19.041	-0.944	19.119	-0.686	31.673	-0.032	31.706	-0.151	31.730	-0.206	31.750	-0.249
19.175	-0.407	19.248	-0.119	19.339	0.161	19.402	0.436	31.782	-0.300	31.795	-0.321	31.825	-0.296	31.844	-0.262
19.443	0.618	19.475	0.690	19.550	0.732	19.606	0.817	31.864	-0.229	31.882	-0.220	31.901	-0.225	31.925	-0.230
19.636	0.893	19.731	0.901	19.784	1.003	19.833	1.104	31.943	-0.247	31.961	-0.272	31.978	-0.290	31.997	-0.303
19.867	1.083	19.930	0.795	20.028	0.461	20.093	0.207	32.017	-0.337	32.044	-0.337	32.075	-0.333	32.110	-0.338
20.145	-0.037	20.232	-0.136	20.286	-0.382	20.354	-0.640	32.136	-0.334	32.163	-0.331	32.188	-0.318	32.207	-0.306
20.408	-0.801	20.468	-0.814	20.514	-0.793	20.565	-0.785	32.233	-0.302	32.260	-0.311	32.287	-0.307	32.320	-0.307
20.610	-0.798	20.639	-0.819	20.690	-0.777	20.730	-0.718	32.351	-0.282	32.384	-0.227	32.409	-0.161	32.423	-0.130
20.801	-0.544	20.856	-0.401	20.936	-0.189	20.989	-0.046								
21.075	0.212	21.158	0.377	21.239	0.478	21.315	0.525								

32.455	-0.049	32.476	0.001	32.500	0.043	32.527	0.077	40.337	-0.076	40.365	-0.093	40.391	-0.114	40.412	-0.122
32.550	0.107	32.578	0.111	32.612	0.115	32.640	0.119	40.436	-0.135	40.455	-0.143	40.474	-0.152	40.500	-0.156
32.671	0.123	32.704	0.123	32.732	0.115	32.756	0.132	40.524	-0.143	40.571	-0.101	40.597	-0.071	40.629	-0.046
32.789	0.170	32.826	0.212	32.849	0.234	32.879	0.243	40.557	-0.925	40.689	0.005	40.713	0.026	40.747	0.034
32.905	0.251	32.950	0.252	32.988	0.261	33.027	0.295	40.783	0.026	40.812	0.030	40.850	0.035	40.894	0.051
33.061	0.283	33.095	0.232	33.140	0.216	33.170	0.212	40.942	0.060	40.983	0.072	41.028	0.110	41.080	0.127
33.206	0.191	33.242	0.115	33.279	0.065	33.325	-0.006	41.118	0.140	41.185	0.132	41.235	0.144	41.280	0.153
33.359	-0.057	33.397	-0.099	33.438	-0.119	33.471	-0.131	41.314	0.157	41.344	0.153	41.374	0.144	41.407	0.136
33.506	-0.135	33.539	-0.130	33.578	-0.130	33.604	-0.129	41.433	0.114	41.475	0.080	41.497	0.072	41.536	0.059
33.637	-0.108	33.664	-0.116	33.695	-0.137	33.721	-0.174	41.562	0.051	41.602	0.034	41.638	0.017	41.661	-0.000
33.775	-0.225	33.775	-0.250	33.800	-0.275	33.824	-0.266	41.658	-0.120	41.750	-0.068	41.798	-0.085	41.829	-0.102
33.857	-0.215	33.853	-0.160	33.924	-0.100	33.955	-0.053	41.863	-0.127	41.854	-0.149	41.914	-0.166	41.941	-0.157
33.989	-0.032	34.036	-0.010	34.074	-0.010	34.125	-0.001	41.986	-0.157	42.031	-0.149	42.070	-0.141	42.118	-0.115
34.170	0.346	34.210	0.106	34.239	0.148	34.280	0.178	42.163	-0.078	42.203	-0.067	42.247	-0.074	42.281	-0.078
34.343	0.150	34.459	0.124	34.486	0.128	34.517	0.150	42.305	-0.070	42.359	-0.051	42.388	-0.032	42.408	-0.015
34.556	0.209	34.587	0.276	34.617	0.323	34.634	0.331	42.471	0.010	42.568	0.014	42.618	0.036	42.683	0.053
34.776	0.073	34.822	0.069	34.865	0.073	34.894	0.065	42.748	0.061	42.819	0.070	42.864	0.075	42.923	0.082
34.930	0.356	34.971	0.031	35.004	-0.003	35.051	-0.062	42.954	0.054	43.008	0.041	43.055	0.025	43.111	-0.001
35.087	0.130	35.126	-0.173	35.164	-0.194	35.196	-0.165	43.145	-0.017	43.181	-0.030	43.212	-0.026	43.245	-0.021
35.237	-0.135	35.270	-0.127	35.300	-0.131	35.335	-0.149	43.276	-0.025	43.311	-0.025	43.337	-0.033	43.361	-0.031
35.366	-0.178	35.396	-0.242	35.426	-0.272	35.454	-0.297	43.383	-0.049	43.422	-0.057	43.444	-0.036	43.480	-0.036
35.484	-0.298	35.517	-0.251	35.553	-0.184	35.586	-0.159	43.508	-0.023	43.554	-0.018	43.588	-0.009	43.615	-0.009
35.620	-0.159	35.649	-0.168	35.692	-0.169	35.730	-0.123	43.651	-0.017	43.684	-0.020	43.728	-0.020	43.758	-0.024
35.773	-0.077	35.816	-0.035	35.857	-0.015	35.897	0.070	43.792	-0.015	43.823	0.066	43.860	0.028	43.899	0.032
35.943	0.107	35.981	0.136	36.017	0.148	36.055	0.131	43.932	0.076	44.020	0.063	44.101	0.051	44.202	0.064
36.088	0.105	36.119	0.100	36.134	0.092	36.167	0.112	44.238	0.060	44.264	0.056	44.295	0.039	44.322	0.022
36.198	0.142	36.231	0.171	36.267	0.204	36.304	0.220	44.345	0.005	44.374	-0.003	44.412	0.001	44.446	0.031
36.377	0.237	36.377	0.241	36.416	0.223	36.460	0.180	44.492	0.048	44.529	0.057	44.559	0.053	44.590	0.060
36.526	0.125	36.572	0.082	36.620	0.060	36.654	0.030	44.741	-0.061	44.767	-0.052	44.792	-0.065	44.833	-0.056
36.680	-0.025	36.713	-0.063	36.747	-0.089	36.771	-0.089	44.856	-0.065	44.883	-0.073	44.914	-0.069	44.948	-0.065
36.802	-0.111	36.828	-0.115	36.857	-0.128	36.899	-0.124	44.964	-0.094	44.984	-0.035	45.008	-0.031	45.021	-0.035
37.041	-0.130	37.070	-0.151	37.104	-0.173	37.135	-0.190	45.032	-0.039	45.070	-0.043	45.070	-0.031	45.094	-0.030
37.156	-0.212	37.180	-0.220	37.224	-0.183	37.285	-0.107	45.131	-0.005	45.151	-0.008	45.168	0.008	45.201	-0.001
37.327	-0.065	37.375	-0.032	37.414	-0.016	37.464	0.001	45.228	-0.022	45.251	-0.039	45.278	-0.056	45.306	-0.047
37.508	0.009	37.549	0.050	37.582	0.088	37.622	0.113	45.344	-0.026	45.383	-0.018	45.422	-0.018	45.468	-0.001
37.668	0.113	37.718	0.121	37.776	0.112	37.841	0.120	45.507	0.049	45.555	0.041	45.607	0.054	45.647	0.058
37.892	0.124	37.935	0.120	37.968	0.107	38.004	0.094	45.679	-0.052	45.859	-0.056	45.879	-0.047	45.916	-0.034
38.050	0.077	38.102	0.051	38.144	0.026	38.186	0.022	45.961	-0.034	45.997	-0.030	46.042	-0.021	46.090	-0.021
38.244	0.022	38.288	-0.008	38.337	-0.037	38.387	-0.054	46.145	-0.016	46.205	-0.012	46.252	-0.003	46.299	-0.011
38.405	-0.084	38.454	-0.075	38.492	-0.075	38.524	-0.105	46.337	-0.024	46.371	-0.036	46.394	-0.040	46.417	-0.036
38.555	-0.104	38.591	-0.100	38.627	-0.087	38.674	-0.079	46.454	-0.027	46.490	-0.010	46.532	0.012	46.572	0.029
38.725	-0.038	38.764	-0.104	38.811	-0.091	38.847	-0.082	46.621	0.046	46.666	0.059	46.713	0.072	46.763	0.077
38.887	-0.065	38.918	-0.056	38.947	-0.060	38.985	-0.047	46.803	0.081	46.862	0.069	46.869	0.057	46.934	0.036
39.021	-0.013	39.055	0.021	39.099	0.051	39.127	0.063	46.928	0.019	46.956	-0.002	46.978	0.002	47.004	-0.002
39.165	0.055	39.201	0.047	39.222	0.039	39.255	0.047	47.032	0.011	47.063	0.036	47.105	0.057	47.132	0.066
39.295	0.060	39.325	0.073	39.357	0.090	39.410	0.103	47.167	0.005	47.195	0.041	47.236	0.024	47.269	0.007
39.441	0.108	39.470	0.121	39.491	0.116	39.532	0.108	47.311	-0.020	47.330	-0.018	47.368	-0.039	47.441	-0.034
39.566	0.073	39.592	0.049	39.620	0.037	39.650	0.033	47.473	-0.047	47.516	-0.047	47.547	-0.043	47.575	-0.039
39.677	0.033	39.707	0.046	39.733	0.050	39.756	0.042	47.587	-0.030	47.614	-0.017	47.647	-0.009	47.665	0.008
39.795	0.112	39.826	0.004	39.868	-0.026	39.909	-0.030	47.695	0.025	47.724	0.038	47.749	0.042	47.774	0.033
39.941	-0.034	39.997	-0.042	40.045	-0.055	40.091	-0.067	47.810	0.021	47.844	0.012	47.867	-0.001	47.895	-0.001
40.099	-0.076	40.123	-0.101	40.151	-0.110	40.184	-0.093	47.917	0.004	47.945	0.006	47.981	0.012	48.014	0.033
40.223	-0.080	40.254	-0.067	40.279	-0.059	40.307	-0.067	48.047	0.054	48.081	0.066	48.101	0.066	48.129	0.058

48.155	0.057	48.180	0.062	48.206	0.066	48.234	0.082	56.853	-0.111	56.879	-0.124	56.904	-0.128	56.938	-0.141
48.264	0.086	48.285	0.091	48.315	0.082	48.373	0.073	56.968	-0.137	56.988	-0.141	57.027	-0.129	57.063	-0.104
48.417	0.030	48.503	0.018	48.549	0.005	48.675	-0.004	57.096	-0.087	57.127	-0.110	57.165	-0.100	57.186	-0.079
48.576	-0.000	48.615	-0.005	48.642	0.005	48.675	-0.005	57.218	-0.083	57.250	-0.071	57.289	-0.058	57.317	-0.036
48.713	-0.014	48.732	-0.027	48.767	-0.032	48.796	-0.065	57.351	-0.012	57.382	0.005	57.415	0.030	57.460	0.046
48.847	-0.074	48.902	-0.079	48.954	-0.084	48.988	-0.084	57.498	0.059	57.565	0.071	57.576	0.084	57.609	0.109
49.040	-0.084	49.065	-0.089	49.105	-0.089	49.153	-0.077	57.636	0.117	57.666	0.138	57.702	0.155	57.723	0.159
49.196	-0.060	49.233	-0.043	49.271	-0.035	49.319	-0.031	57.758	0.155	57.784	0.155	57.804	0.142	57.825	0.129
49.356	-0.031	49.401	-0.019	49.458	0.006	49.511	0.035	57.846	0.125	57.866	0.121	57.895	0.112	57.911	0.121
49.559	0.077	49.612	0.086	49.674	0.085	49.724	0.093	57.931	0.116	57.948	0.121	57.960	0.121	57.978	0.129
49.761	0.106	49.797	0.101	49.830	0.105	49.865	0.093	58.005	0.142	58.023	0.142	58.039	0.146	58.083	0.129
49.896	0.076	49.924	0.055	49.959	0.046	49.986	0.034	58.119	0.112	58.150	0.082	58.187	0.061	58.223	0.044
50.022	0.025	50.057	0.029	50.132	0.038	50.143	0.025	58.252	0.027	58.288	0.006	58.325	-0.007	58.350	-0.015
50.179	0.013	50.236	0.009	50.275	-0.021	50.315	-0.021	58.382	-0.041	58.415	-0.058	58.447	-0.074	58.482	-0.096
50.346	-0.046	50.394	-0.072	50.440	-0.093	50.491	-0.118	58.524	-0.100	58.558	-0.108	58.588	-0.125	58.610	-0.121
50.519	-0.131	50.544	-0.139	50.587	-0.131	50.636	-0.114	58.633	-0.125	58.662	-0.133	58.703	-0.146	58.736	-0.150
50.690	-0.092	50.751	-0.058	50.810	-0.028	50.863	-0.007	58.773	-0.150	58.812	-0.133	58.846	-0.120	58.873	-0.103
50.912	0.019	50.966	0.027	51.012	0.023	51.060	0.032	58.900	-0.091	58.931	-0.074	58.959	-0.065	58.982	-0.052
51.107	0.041	51.142	0.062	51.176	0.084	51.207	0.109	59.021	-0.044	59.053	-0.031	59.099	-0.010	59.118	0.007
51.245	0.135	51.283	0.165	51.314	0.169	51.343	0.165	59.159	0.020	59.203	0.028	59.255	0.036	59.296	0.032
51.369	0.152	51.404	0.123	51.431	0.102	51.464	0.085	59.328	0.036	59.367	0.036	59.404	0.041	59.443	0.045
51.497	0.077	51.536	0.069	51.573	0.048	51.629	0.018	59.485	0.058	59.513	0.075	59.535	0.091	59.579	0.100
51.671	-0.003	51.712	-0.011	51.740	-0.024	51.785	-0.024	59.613	0.117	59.641	0.126	59.665	0.118	59.691	0.105
51.824	-0.024	51.855	-0.041	51.886	-0.049	51.919	-0.062	59.722	0.080	59.757	0.055	59.794	0.034	59.828	0.021
51.968	-0.083	51.987	-0.108	52.024	-0.117	52.059	-0.130	60.020	-0.015	60.055	-0.015	60.086	-0.015	60.125	-0.015
52.096	-0.134	52.119	-0.134	52.151	-0.134	52.198	-0.126	60.169	-0.019	60.203	-0.014				
52.239	-0.122	52.276	-0.118	52.313	-0.105	52.347	-0.092								
52.401	-0.063	52.451	-0.029	52.506	-0.004	52.569	0.013								
52.624	0.029	52.688	0.050	52.739	0.076	52.804	0.109								
52.848	0.134	52.891	0.151	52.949	0.143	52.983	0.142								
53.022	0.147	53.059	0.146	53.095	0.146	53.120	0.138								
53.170	0.116	53.203	0.095	53.249	0.078	53.295	0.061								
53.346	0.052	53.391	0.023	53.430	0.006	53.485	-0.003								
53.530	-0.016	53.586	-0.046	53.628	-0.071	53.667	-0.097								
53.716	-0.114	53.768	-0.136	53.804	-0.149	53.841	-0.170								
53.872	-0.174	53.902	-0.149	53.930	-0.132	53.959	-0.111								
53.951	-0.090	54.035	-0.078	54.069	-0.070	54.105	-0.070								
54.153	-0.057	54.190	-0.045	54.237	-0.019	54.280	0.019								
54.314	0.061	54.355	0.094	54.398	0.124	54.438	0.170								
54.492	0.178	54.707	0.136	54.739	0.123	54.774	0.110								
54.662	0.157	54.767	0.136	54.799	0.123	54.835	0.105								
54.815	0.093	54.864	0.072	54.899	0.046	54.935	0.025								
54.973	0.017	55.035	-0.005	55.095	-0.034	55.126	-0.060								
55.167	-0.081	55.197	-0.102	55.228	-0.123	55.254	-0.149								
55.283	-0.170	55.311	-0.174	55.338	-0.191	55.362	-0.187								
55.391	-0.183	55.430	-0.166	55.461	-0.149	55.485	-0.137								
55.521	-0.120	55.547	-0.103	55.581	-0.086	55.616	-0.069								
55.647	-0.057	55.680	-0.048	55.715	-0.044	55.754	-0.035								
55.789	-0.001	55.823	0.020	55.857	0.049	55.918	0.083								
55.965	0.113	56.015	0.126	56.068	0.139	56.111	0.156								
56.139	0.164	56.168	0.177	56.197	0.206	56.218	0.211								
56.247	0.190	56.280	0.152	56.309	0.118	56.338	0.093								
56.366	0.067	56.391	0.063	56.415	0.059	56.443	0.059								
56.478	0.046	56.515	0.033	56.566	0.003	56.597	-0.022								
56.638	-0.056	56.671	-0.090	56.712	-0.111	56.741	-0.103								
56.761	-0.103	56.792	-0.107	56.812	-0.111	56.831	-0.120								

9.131	0.028	9.162	0.096	9.198	0.173	9.216	0.223	15.623	-0.185	15.650	-0.084	15.670	-0.024	15.710	0.039
9.232	0.228	9.261	0.253	9.302	0.190	9.327	0.123	15.743	-0.024	15.766	-0.079	15.787	-0.109	15.809	-0.108
9.350	0.089	9.369	0.026	9.389	-0.029	9.418	-0.033	15.838	-0.091	15.874	-0.028	15.908	0.095	15.938	0.197
9.440	0.033	9.466	0.007	9.482	0.023	9.504	0.086	15.966	0.290	15.990	0.366	16.012	0.404	16.041	0.451
9.519	0.150	9.532	0.243	9.556	0.396	9.572	0.578	16.061	0.464	16.091	0.485	16.115	0.510	16.136	0.540
9.601	0.806	9.617	0.980	9.659	1.174	9.670	1.268	16.156	0.587	16.173	0.642	16.186	0.680	16.211	0.689
9.686	1.331	9.723	1.390	9.757	1.259	9.796	1.069	16.241	0.660	16.267	0.579	16.293	0.470	16.318	0.394
9.825	0.540	9.867	0.447	9.886	0.447	9.915	0.189	16.352	0.297	16.380	0.195	16.412	0.064	16.457	-0.071
9.938	0.003	9.970	-0.377	9.991	-0.661	10.020	-1.020	16.486	-0.142	16.511	-0.180	16.542	-0.197	16.566	-0.171
10.037	-1.181	10.067	-1.325	10.104	-1.134	10.146	-0.741	16.600	-0.090	16.623	-0.010	16.643	0.041	16.679	0.100
10.191	-0.483	10.208	-0.529	10.227	-0.576	10.246	-0.690	16.718	0.062	16.752	-0.039	16.774	-0.158	16.802	-0.263
10.346	-1.414	10.372	-1.042	10.395	-1.308	10.424	-1.372	16.826	-0.301	16.844	-0.335	16.882	-0.322	16.930	-0.322
10.437	-1.199	10.461	-1.355	10.496	-1.292	10.412	-1.234	16.964	-0.373	16.994	-0.398	17.022	-0.424	17.056	-0.339
10.548	-0.730	10.575	-0.667	10.605	-0.634	10.639	-0.490	17.086	-0.254	17.114	-0.165	17.153	-0.047	17.174	0.017
10.678	-0.219	10.715	-0.140	10.763	-0.487	10.761	0.689	17.199	0.105	17.217	0.160	17.240	0.202	17.265	0.228
10.775	0.846	10.796	0.909	10.811	0.935	10.825	0.934	17.295	0.223	17.321	0.189	17.339	0.147	17.365	0.096
10.834	0.901	10.861	0.778	10.890	0.558	10.922	0.401	17.392	0.011	17.418	-0.056	17.446	-0.111	17.476	-0.162
10.947	0.308	10.961	0.261	10.976	0.257	10.997	0.282	17.517	-0.209	17.544	-0.235	17.573	-0.252	17.596	-0.264
11.029	0.354	11.069	0.518	11.105	0.818	11.140	1.132	17.619	-0.281	17.648	-0.258	17.682	-0.218	17.716	-0.155
11.161	1.415	11.177	1.563	11.190	1.647	11.216	1.736	17.751	-0.100	17.783	-0.058	17.819	-0.020	17.851	-0.020
11.245	1.685	11.272	1.550	11.292	1.414	11.311	1.355	17.872	0.018	17.893	0.031	17.933	0.031	17.957	-0.024
11.338	1.220	11.370	1.169	11.400	1.101	11.421	1.012	17.986	-0.113	18.014	-0.193	18.038	-0.240	18.057	-0.287
11.446	0.856	11.470	0.703	11.496	0.458	11.533	0.187	18.078	-0.287	18.102	-0.287	18.149	-0.215	18.181	-0.160
11.573	-0.105	11.603	-0.253	11.635	-0.355	11.662	-0.418	18.207	-0.088	18.231	-0.008	18.256	0.052	18.299	0.132
11.684	-0.456	11.707	-0.464	11.731	-0.439	11.756	-0.380	18.325	0.132	18.356	0.132	18.378	0.132	18.400	0.132
11.793	-0.215	11.804	-0.215	11.829	-0.194	11.872	-0.363	18.436	0.166	18.456	0.204	18.481	0.221	18.507	0.221
11.912	-0.566	11.946	-0.705	11.967	-0.714	11.996	-0.671	18.548	0.179	18.574	0.133	18.605	0.090	18.652	0.048
12.030	-0.616	12.060	-0.565	12.099	-0.468	12.130	-0.366	18.685	0.048	18.721	0.091	18.747	0.133	18.774	0.158
12.168	-0.214	12.197	-0.180	12.234	-0.133	12.273	-0.049	18.800	0.171	18.840	0.142	18.866	0.108	18.899	0.083
12.314	0.134	12.339	0.277	12.363	0.383	12.388	0.455	18.922	0.057	18.960	-0.002	18.975	-0.019	19.000	-0.053
12.417	0.498	12.448	0.549	12.489	0.587	12.546	0.431	19.031	0.078	19.053	-0.082	19.088	-0.044	19.112	-0.027
12.582	0.266	12.615	0.152	12.653	0.114	12.693	0.114	19.145	0.003	19.177	-0.048	19.213	-0.111	19.233	-0.166
12.733	0.076	12.764	0.080	12.789	0.097	12.831	0.118	19.264	-0.038	19.292	-0.229	19.323	-0.157	19.342	-0.098
12.878	0.042	12.927	-0.052	12.957	-0.145	12.981	-0.166	19.375	-0.042	19.388	-0.030	19.411	-0.030	19.442	-0.067
13.008	-0.213	13.036	-0.255	13.065	-0.352	13.100	-0.475	19.466	-0.114	19.497	-0.152	19.533	-0.143	19.559	-0.130
13.121	-0.534	13.151	-0.572	13.192	-0.467	13.217	-0.353	19.581	-0.134	19.611	-0.142	19.635	-0.147	19.660	-0.146
13.245	-0.234	13.260	-0.294	13.299	-0.395	13.322	-0.463	19.689	-0.146	19.726	-0.086	19.765	-0.031	19.791	0.020
13.349	-0.510	13.382	-0.430	13.407	-0.320	13.435	-0.189	19.825	0.055	19.861	0.051	19.889	0.047	19.913	0.031
13.458	-0.088	13.497	-0.033	13.553	-0.177	13.583	-0.321	19.945	0.031	19.996	0.002	20.025	-0.018	20.049	-0.018
13.613	-0.482	13.634	-0.546	13.654	-0.580	13.689	-0.521	20.078	-0.018	20.109	0.021	20.137	0.055	20.168	0.077
13.737	-0.373	13.781	-0.170	13.814	-0.013	13.849	0.088	20.187	0.077	20.211	0.077	20.244	0.048	20.285	0.031
13.892	0.186	13.925	0.270	13.963	0.401	13.997	0.423	20.309	0.031	20.337	0.023	20.365	0.015	20.390	0.002
14.025	0.423	14.063	0.452	14.096	0.499	14.116	0.465	20.411	-0.066	20.434	-0.010	20.469	-0.010	20.498	-0.009
14.154	0.427	14.184	0.351	14.214	0.237	14.247	0.085	20.529	-0.047	20.561	-0.098	20.584	-0.157	20.620	-0.216
14.273	-0.051	14.302	-0.203	14.328	-0.364	14.346	-0.486	20.657	-0.164	20.699	-0.067	20.722	-0.029	20.753	-0.008
14.364	-0.537	14.381	-0.545	14.430	-0.380	14.466	-0.110	20.787	0.039	20.816	0.081	20.853	0.123	20.881	0.161
14.497	0.034	14.518	0.132	14.564	0.166	14.619	0.077	20.922	0.195	20.954	0.182	20.985	0.140	21.022	0.089
14.652	0.001	14.676	-0.050	14.711	-0.071	14.740	-0.071	21.051	0.055	21.084	-0.009	21.108	-0.055	21.134	-0.081
14.776	-0.067	14.801	-0.084	14.843	-0.063	14.888	0.029	21.167	-0.085	21.202	-0.094	21.228	-0.094	21.261	-0.094
14.930	0.032	14.962	0.068	14.994	0.102	15.022	0.098	21.303	-0.056	21.336	-0.005	21.360	0.050	21.387	0.096
15.047	0.098	15.073	0.094	15.117	0.136	15.149	0.178	21.424	0.147	21.444	0.147	21.469	0.146	21.493	0.138
15.183	0.212	15.207	0.204	15.234	0.178	15.264	0.115	21.525	0.138	21.557	0.167	21.577	0.192	21.601	0.180
15.290	0.060	15.322	-0.012	15.354	-0.080	15.373	-0.143	21.628	0.158	21.642	0.120	21.657	0.078	21.681	0.002
15.404	-0.262	15.426	-0.012	15.449	-0.317	15.479	-0.363	21.708	-0.066	21.738	-0.104	21.764	-0.113	21.793	-0.088
15.509	-0.342	15.537	-0.388	15.561	-0.372	15.578	-0.350	21.834	-0.054	21.866	-0.033	21.901	0.005	21.927	0.051
								21.964	0.119	21.952	0.157	22.021	0.169	22.061	0.169

22.087	0.135	22.110	0.114	22.140	0.067	22.168	0.033	29.071	0.045	29.105	0.053	29.138	0.070	29.159	0.086
22.197	-0.022	22.224	-0.056	22.244	-0.035	22.263	-0.048	29.189	0.094	29.226	-0.077	29.269	0.017	29.303	-0.030
22.299	-0.052	22.332	-0.078	22.359	0.061	22.387	0.032	29.330	-0.081	29.368	-0.115	29.391	-0.128	29.421	-0.128
22.418	-0.003	22.451	0.048	22.479	0.081	22.503	0.107	29.461	-0.124	29.457	-0.103	29.532	-0.091	29.561	-0.091
22.528	0.106	22.557	0.106	22.596	0.072	22.621	0.046	29.588	-0.117	29.623	-0.130	29.654	-0.126	29.689	-0.122
22.663	-0.026	22.694	-0.056	22.734	-0.065	22.783	-0.065	29.725	-0.101	29.771	-0.051	29.803	-0.073	29.846	-0.082
22.825	-0.065	22.852	-0.083	22.883	-0.083	22.903	-0.092	29.880	-0.095	29.909	-0.091	29.946	-0.062	29.980	-0.024
22.944	-0.067	22.983	-0.037	23.024	0.005	23.054	0.017	30.022	0.009	30.066	0.034	30.111	0.051	30.147	0.067
23.085	-0.013	23.134	-0.047	23.166	-0.048	23.200	-0.048	30.182	0.113	30.205	0.105	30.235	0.134	30.250	0.121
23.230	-0.069	23.267	-0.112	23.298	-0.133	23.328	-0.167	30.272	0.142	30.293	0.142	30.364	0.129	30.388	0.146
23.354	-0.167	23.403	-0.096	23.445	-0.037	23.475	0.001	30.439	0.142	30.439	0.137	30.465	0.142	30.483	0.133
23.506	0.010	23.550	0.009	23.584	-0.025	23.644	-0.072	30.507	0.120	30.534	0.095	30.557	0.086	30.594	0.107
23.683	-0.051	23.710	-0.009	23.739	0.025	23.768	0.042	30.619	0.129	30.639	0.142	30.664	0.138	30.693	0.134
23.812	0.042	23.831	0.041	23.844	0.058	23.869	0.028	30.713	0.126	30.734	0.109	30.748	0.080	30.761	0.071
23.903	0.058	23.920	0.045	23.946	0.070	23.969	0.066	30.784	0.051	30.802	0.038	30.821	0.038	30.838	0.034
23.992	0.053	24.016	0.027	24.050	-0.007	24.084	-0.037	30.860	0.026	30.877	0.018	30.904	-0.003	30.926	-0.024
24.105	-0.046	24.134	-0.033	24.165	-0.004	24.188	0.026	30.945	-0.044	30.968	-0.074	30.984	-0.082	31.004	-0.090
24.218	0.038	24.246	0.038	24.274	0.029	24.311	0.024	31.020	-0.077	31.033	-0.051	31.048	-0.030	31.066	-0.004
24.337	0.024	24.365	0.011	24.387	-0.015	24.409	-0.054	31.080	0.013	31.098	0.031	31.115	0.018	31.133	-0.007
24.430	-0.083	24.456	-0.113	24.475	-0.131	24.498	-0.144	31.147	-0.040	31.167	-0.086	31.183	-0.119	31.196	-0.149
24.524	-0.123	24.557	-0.068	24.578	-0.022	24.597	0.020	31.217	-0.182	31.238	-0.194	31.265	-0.202	31.291	-0.189
24.622	0.057	24.638	0.095	24.656	0.095	24.674	0.095	31.322	-0.184	31.343	-0.175	31.363	-0.162	31.379	-0.136
24.702	0.052	24.724	0.005	24.745	-0.033	24.765	-0.046	31.399	-0.197	31.417	-0.063	31.435	-0.033	31.452	-0.016
24.783	-0.059	24.806	-0.059	24.831	-0.043	24.864	-0.052	31.477	-0.020	31.500	-0.028	31.520	-0.036	31.544	-0.023
24.887	-0.052	24.923	-0.053	24.951	-0.023	24.979	0.006	31.565	0.016	31.585	0.054	31.603	0.101	31.618	0.127
25.004	0.014	25.043	0.001	25.085	-0.017	25.109	-0.021	31.631	0.144	31.649	0.157	31.670	0.149	31.686	0.136
25.156	0.033	25.197	0.087	25.251	0.133	25.284	0.162	31.702	0.111	31.719	0.082	31.735	0.057	31.752	0.040
25.315	0.175	25.342	0.170	25.373	0.157	25.395	0.153	31.779	0.053	31.797	0.070	31.813	0.086	31.831	0.095
25.419	0.085	25.431	0.089	25.451	0.064	25.472	0.051	31.849	0.078	31.872	0.065	31.890	0.048	31.911	0.027
25.492	0.055	25.514	0.084	25.537	0.080	25.570	0.101	31.929	0.018	31.949	0.027	31.970	0.043	31.993	0.060
25.604	0.100	25.637	0.109	25.662	0.070	25.684	0.074	32.012	0.073	32.033	0.060	32.053	0.047	32.077	0.038
25.705	0.045	25.742	0.109	25.763	-0.007	25.796	-0.020	32.094	0.055	32.111	0.072	32.131	0.093	32.149	0.109
25.840	-0.007	25.856	0.006	25.889	0.014	25.920	0.014	32.170	0.126	32.195	0.130	32.208	0.117	32.230	0.096
25.960	-0.012	26.010	-0.059	26.037	-0.105	26.056	-0.118	32.248	0.070	32.274	0.062	32.307	0.049	32.332	0.032
26.082	-0.114	26.132	-0.106	26.166	-0.135	26.207	-0.144	32.352	0.007	32.378	-0.031	32.404	-0.056	32.427	-0.078
26.235	-0.127	26.261	-0.098	26.285	-0.081	26.313	-0.094	32.451	-0.078	32.483	-0.065	32.512	-0.069	32.538	-0.061
26.352	-0.103	26.391	-0.124	26.428	-0.120	26.461	-0.091	32.555	-0.073	32.571	-0.086	32.591	-0.111	32.611	-0.141
26.501	-0.057	26.547	-0.032	26.578	0.010	26.599	0.061	32.635	-0.162	32.655	-0.179	32.673	-0.183	32.694	-0.166
26.665	0.153	26.713	0.115	26.758	0.068	26.792	0.081	32.722	-0.137	32.747	-0.103	32.763	-0.078	32.786	-0.052
26.826	0.080	26.853	0.084	26.882	0.067	26.917	0.038	32.806	-0.039	32.826	-0.031	32.867	-0.044	32.900	-0.052
26.967	0.024	27.021	0.041	27.045	0.007	27.083	-0.010	32.933	-0.048	32.963	-0.043	32.998	-0.032	33.021	-0.052
27.106	-0.010	27.130	-0.002	27.153	0.019	27.174	0.032	33.049	-0.035	33.069	-0.018	33.095	-0.009	33.122	-0.009
27.193	0.031	27.220	0.040	27.264	0.031	27.291	-0.007	33.138	-0.013	33.163	-0.001	33.196	0.003	33.221	0.012
27.327	-0.041	27.357	-0.062	27.398	-0.075	27.432	-0.075	33.247	-0.033	33.267	-0.058	33.288	0.079	33.307	0.088
27.470	-0.062	27.505	-0.041	27.561	-0.007	27.606	0.005	33.333	0.092	33.356	0.092	33.374	0.113	33.392	0.138
27.650	-0.020	27.691	-0.020	27.717	-0.004	27.754	0.009	33.405	0.159	33.427	0.180	33.448	0.157	33.466	0.184
27.796	0.013	27.833	0.000	27.883	-0.038	27.917	-0.085	33.486	0.166	33.506	0.149	33.524	0.119	33.540	0.102
27.930	-0.097	27.967	-0.072	28.005	-0.051	28.051	-0.018	33.560	-0.077	33.580	-0.043	33.600	0.013	33.628	-0.000
28.088	-0.005	28.126	0.012	28.171	0.037	28.210	0.020	33.646	-0.022	33.659	-0.030	33.680	-0.013	33.698	0.003
28.245	-0.014	28.277	-0.031	28.321	-0.032	28.353	-0.015	33.715	0.020	33.730	0.037	33.753	0.066	33.787	0.066
28.385	0.018	28.419	0.056	28.463	0.085	28.497	0.102	33.803	0.069	33.826	0.036	33.857	0.014	33.892	0.001
28.538	0.135	28.561	0.101	28.580	0.101	28.606	0.067	33.908	0.009	33.931	0.022	33.954	0.026	33.978	0.012
28.630	0.067	28.656	0.058	28.684	0.058	28.709	0.057	34.006	-0.018	34.032	-0.056	34.055	-0.103	34.078	-0.129
28.727	0.066	28.751	0.027	28.776	0.014	28.799	0.001	34.101	-0.148	34.123	-0.134	34.149	-0.117	34.179	-0.109
28.822	-0.016	28.847	-0.025	28.877	-0.021	28.905	-0.008	34.205	-0.105	34.226	-0.122	34.252	-0.152	34.272	-0.191
28.935	0.021	28.973	0.054	29.010	0.062	29.038	0.058	34.293	-0.216	34.316	-0.229	34.343	-0.225	34.360	-0.191

34.383	-0.162	34.404	-0.120	34.426	-0.099	34.451	-0.048	41.989	-0.089	42.028	-0.051	42.054	-0.038	42.103	-0.034
34.415	-0.027	34.498	-0.011	34.519	-0.007	34.539	-0.024	42.129	-0.026	42.162	-0.004	42.196	-0.004	42.227	0.004
34.563	-0.050	34.583	-0.071	34.604	-0.105	34.630	-0.127	42.244	-0.004	42.281	-0.034	42.315	-0.068	42.345	-0.080
34.654	-0.119	34.675	-0.102	34.697	-0.069	34.723	-0.027	42.374	-0.072	42.405	-0.055	42.436	-0.025	42.491	0.022
34.747	0.011	34.772	0.052	34.799	0.098	34.824	0.132	42.527	0.047	42.566	0.060	42.605	0.081	42.638	0.090
34.850	0.169	34.873	0.207	34.893	0.223	34.907	0.240	42.674	0.111	42.739	0.103	42.785	0.112	42.840	0.125
35.007	0.123	35.035	0.093	35.056	0.089	35.074	0.110	42.874	0.100	42.920	0.054	42.961	0.017	43.000	0.001
35.097	0.135	35.120	0.160	35.143	0.185	35.174	0.211	43.064	0.014	43.101	0.019	43.160	0.028	43.214	0.003
35.193	0.210	35.213	0.202	35.233	0.176	35.257	0.147	43.265	-0.038	43.352	-0.071	43.378	-0.092	43.403	-0.130
35.280	0.121	35.297	0.108	35.317	0.100	35.337	0.078	43.439	-0.155	43.463	-0.163	43.547	-0.141	43.602	-0.162
35.356	0.057	35.383	0.049	35.409	0.065	35.434	0.074	43.639	-0.145	43.654	-0.098	43.728	0.026	43.958	0.026
35.454	0.082	35.481	0.099	35.502	0.086	35.533	0.056	43.817	0.030	43.845	0.043	43.906	0.063	44.207	0.110
35.555	0.035	35.580	0.010	35.610	-0.016	35.643	-0.029	44.021	0.034	44.113	0.034	44.154	0.063	44.297	0.110
35.674	-0.041	35.720	-0.071	35.758	-0.088	35.795	-0.109	44.247	0.148	44.279	0.165	44.360	0.152	44.422	0.178
35.833	-0.142	35.870	-0.163	35.892	-0.163	35.917	-0.155	44.464	0.057	44.517	0.115	44.554	0.069	44.600	0.031
35.943	-0.129	35.974	-0.099	36.002	-0.082	36.020	-0.070	44.666	0.001	44.703	-0.024	44.738	-0.015	44.783	-0.023
36.053	-0.082	36.091	-0.055	36.131	-0.085	36.174	-0.077	44.814	-0.036	44.851	-0.082	44.895	-0.124	44.924	-0.141
36.221	-0.064	36.266	-0.055	36.306	-0.051	36.353	-0.051	44.953	-0.124	44.984	-0.094	45.015	-0.088	45.174	-0.113
36.394	-0.046	36.436	-0.029	36.468	0.001	36.499	0.034	45.080	-0.076	45.117	-0.080	45.145	-0.088	45.306	-0.133
36.525	0.055	36.557	0.076	36.587	0.080	36.619	0.071	45.206	-0.138	45.242	-0.159	45.274	-0.146	45.424	-0.086
36.668	0.062	36.699	0.091	36.724	0.121	36.750	0.146	45.334	-0.112	45.385	-0.112	45.424	-0.107	45.450	-0.080
36.773	0.154	36.799	0.145	36.819	0.136	36.844	0.102	45.482	-0.052	45.508	-0.018	45.538	0.016	45.562	0.037
36.857	0.072	36.875	0.072	36.909	0.046	36.944	0.071	45.604	0.063	45.641	0.080	45.674	0.089	45.696	0.080
36.974	0.079	37.005	0.091	37.033	0.074	37.065	0.040	45.725	0.060	45.752	0.043	45.786	0.030	45.815	0.039
37.093	0.001	37.132	-0.016	37.163	0.005	37.182	0.022	45.848	0.056	45.883	0.073	45.920	0.057	45.951	0.040
37.208	0.047	37.236	0.072	37.260	0.089	37.293	0.071	45.984	0.023	46.025	0.041	46.051	0.058	46.080	0.079
37.319	0.037	37.362	-0.005	37.388	-0.048	37.418	-0.078	46.107	0.088	46.139	0.079	46.170	0.067	46.210	0.054
37.447	-0.112	37.489	-0.150	37.531	-0.176	37.567	-0.151	46.249	0.042	46.283	0.029	46.326	0.038	46.359	0.038
37.594	-0.129	37.623	-0.103	37.646	-0.078	37.679	-0.065	46.353	0.030	46.429	0.013	46.469	0.005	46.522	0.005
37.719	-0.060	37.751	-0.073	37.786	-0.089	37.824	-0.110	46.561	0.000	46.603	-0.017	46.637	-0.025	46.675	-0.017
37.854	-0.096	37.885	-0.070	37.915	-0.036	37.945	-0.002	46.730	-0.005	46.780	-0.013	46.824	-0.022	46.865	-0.048
37.973	0.024	37.993	0.008	38.019	-0.013	38.052	-0.051	46.902	-0.044	46.949	-0.036	47.000	-0.019	47.032	-0.003
38.077	-0.094	38.105	-0.123	38.130	-0.136	38.154	-0.124	47.065	0.010	47.081	0.027	47.099	0.031	47.125	0.018
38.182	-0.094	38.209	-0.060	38.244	-0.014	38.286	0.024	47.151	0.001	47.174	-0.012	47.200	-0.021	47.218	-0.025
38.326	0.045	38.364	0.061	38.400	0.073	38.448	0.052	47.249	-0.013	47.277	-0.005	47.303	0.021	47.326	0.033
38.499	0.043	38.543	0.025	38.591	0.008	38.644	-0.013	47.356	0.059	47.388	0.063	47.424	0.063	47.464	0.054
38.703	-0.030	38.763	-0.005	38.821	0.028	38.874	0.049	47.500	0.050	47.536	0.045	47.570	0.041	47.598	0.041
38.941	0.067	38.955	0.076	39.049	0.055	39.088	0.030	47.634	0.045	47.667	0.049	47.697	0.041	47.729	0.024
39.121	-0.004	39.152	-0.020	39.181	-0.003	39.225	0.031	47.754	0.003	47.775	-0.006	47.805	-0.031	47.831	-0.044
39.260	0.057	39.287	0.074	39.333	0.058	39.379	0.050	47.866	-0.039	47.894	-0.031	47.933	-0.018	47.971	-0.010
39.423	0.055	39.475	0.055	39.541	0.048	39.573	0.035	48.002	-0.006	48.038	-0.010	48.085	-0.023	48.137	-0.031
39.617	0.006	39.645	-0.010	39.710	-0.001	39.753	-0.026	48.177	-0.040	48.221	-0.044	48.269	-0.044	48.328	-0.057
39.795	-0.056	39.839	-0.022	39.885	0.003	39.925	0.029	48.368	-0.053	48.411	-0.044	48.450	-0.019	48.485	0.010
39.971	0.050	40.023	0.041	40.067	0.011	40.114	-0.032	48.520	-0.031	48.551	0.044	48.594	0.036	48.632	0.040
40.153	-0.062	40.192	-0.075	40.239	-0.063	40.290	-0.034	48.683	0.044	48.718	0.018	48.756	-0.007	48.794	-0.024
40.341	0.008	40.385	0.037	40.436	0.066	40.477	0.036	48.819	-0.012	48.850	0.009	48.887	0.022	48.932	0.022
40.520	0.002	40.562	-0.024	40.607	-0.012	40.654	-0.004	48.993	0.013	49.065	0.006	49.126	-0.011	49.203	-0.027
40.654	0.000	40.735	-0.004	40.775	-0.004	40.814	-0.026	49.248	-0.040	49.288	-0.060	49.334	-0.077	49.363	-0.068
40.861	-0.047	40.896	-0.022	40.938	-0.020	40.988	-0.074	49.394	-0.051	49.426	-0.034	49.464	-0.013	49.511	-0.021
41.025	0.116	41.069	0.141	41.103	0.129	41.133	0.103	49.566	-0.029	49.612	-0.029	49.654	-0.016	49.701	-0.003
41.171	0.073	41.212	0.035	41.263	-0.003	41.303	-0.020	49.741	0.018	49.767	0.023	49.795	0.010	49.833	-0.016
41.337	-0.024	41.380	-0.003	41.415	0.014	41.489	0.026	49.865	-0.028	49.908	-0.025	49.953	-0.017	49.994	-0.008
41.539	0.052	41.591	0.064	41.652	0.047	41.653	0.026	50.024	0.004	50.070	0.042	50.110	0.054	50.156	0.045
41.700	-0.021	41.777	-0.084	41.813	-0.105	41.839	-0.118	50.189	0.041	50.224	0.045	50.256	0.062	50.290	0.062
41.867	-0.131	41.906	-0.139	41.930	-0.135	41.961	-0.114	50.312	0.049	50.354	0.045	50.410	0.036	50.447	0.019
								50.490	0.006	50.524	-0.002	50.555	0.010	50.595	0.027

50.634	0.036	50.667	0.028	50.691	0.015	50.737	-0.002	59.635	0.041	59.669	0.054	59.725	0.062	59.768	0.057
50.756	0.003	50.850	-0.010	50.888	-0.018	50.927	-0.031	59.844	0.053	59.881	0.040	59.910	0.014	59.939	-0.003
50.965	-0.057	51.001	-0.082	51.027	-0.099	51.057	-0.086	59.889	-0.029	60.049	-0.030	60.103	-0.053	60.145	-0.070
51.085	-0.074	51.119	-0.053	51.160	-0.032	51.203	-0.019	60.177	-0.054	60.224	-0.034	60.278	-0.010	60.317	-0.002
51.250	-0.011	51.291	-0.003	51.340	0.001	51.374	0.010	60.369	0.001	60.400	0.018	60.444	0.000	60.492	-0.016
51.399	0.022	51.432	0.031	51.469	0.035	51.495	0.022	60.536	-0.024	60.588	-0.032	60.632	-0.023	60.679	-0.014
51.536	0.009	51.575	-0.003	51.600	0.003	51.632	0.013	60.738	-0.022	60.784	-0.013	60.823	-0.004	60.857	0.000
51.663	0.026	51.694	0.039	51.719	0.056	51.747	0.073	60.914	0.001	60.964	0.007	61.029	0.007	61.089	0.020
51.774	0.098	51.807	0.107	51.857	0.107	51.909	0.107	61.143	0.029	61.154	0.038	61.264	0.056	61.330	0.044
51.927	0.090	51.974	0.086	52.034	0.070	52.074	0.053	61.355	0.024	61.465	0.012				
52.124	0.036	52.163	0.020	52.200	0.012	52.243	0.021								
52.280	0.025	52.320	0.038	52.364	0.043	52.385	0.052								
52.416	0.035	52.447	0.023	52.476	-0.002	52.508	-0.028								
52.534	-0.040	52.557	-0.048	52.592	-0.039	52.628	-0.035								
52.649	-0.013	52.686	-0.000	52.719	-0.000	52.772	-0.009								
52.830	-0.009	52.867	-0.005	52.922	-0.013	52.984	-0.017								
53.035	-0.022	53.084	-0.035	53.129	-0.031	53.184	-0.014								
53.223	0.002	53.258	0.011	53.318	0.014	53.334	0.023								
53.380	0.035	53.413	0.026	53.467	0.009	53.500	-0.017								
53.527	-0.034	53.564	-0.025	53.622	-0.018	53.669	-0.010								
53.715	-0.006	53.751	0.002	53.798	-0.011	53.837	-0.020								
53.869	-0.025	53.906	-0.025	53.945	-0.030	53.990	-0.044								
54.029	-0.053	54.061	-0.062	54.095	-0.059	54.139	-0.051								
54.186	-0.035	54.239	-0.028	54.318	-0.033	54.377	-0.026								
54.415	-0.009	54.461	-0.001	54.518	0.010	54.571	0.014								
54.625	0.026	54.685	0.029	54.715	0.037	54.753	0.057								
54.789	0.078	54.830	0.103	54.868	0.102	54.906	0.072								
54.960	0.046	55.013	0.028	55.072	0.010	55.123	-0.011								
55.172	-0.033	55.212	-0.038	55.263	-0.026	55.287	-0.021								
55.321	-0.034	55.360	-0.050	55.397	-0.059	55.432	-0.071								
55.476	-0.079	55.517	-0.087	55.562	-0.079	55.601	-0.074								
55.640	-0.092	55.683	-0.060	55.717	-0.030	55.762	-0.004								
55.800	0.017	55.833	0.030	55.901	0.022	55.948	0.035								
55.985	0.048	56.030	0.065	56.056	0.077	56.097	0.081								
56.159	0.081	56.192	0.054	56.276	0.115	56.314	0.115								
56.350	0.127	56.380	0.149	56.407	0.157	56.434	0.153								
56.466	0.132	56.504	0.115	56.545	0.089	56.578	0.064								
56.619	0.047	56.664	0.026	56.710	0.000	56.754	-0.008								
56.794	-0.042	56.828	-0.063	56.860	-0.072	56.878	-0.080								
56.899	-0.106	56.925	-0.123	56.953	-0.136	56.979	-0.119								
57.012	-0.101	57.039	-0.097	57.086	-0.096	57.127	-0.096								
57.164	-0.083	57.203	-0.078	57.241	-0.070	57.275	-0.052								
57.306	-0.035	57.337	-0.018	57.371	0.008	57.399	-0.000								
57.435	-0.008	57.469	-0.012	57.510	0.001	57.539	0.023								
57.575	0.044	57.617	0.066	57.681	0.075	57.718	0.067								
57.756	0.075	57.790	0.093	57.829	0.110	57.874	0.102								
57.913	0.098	57.955	0.089	57.996	0.098	58.036	0.086								
58.069	0.069	58.098	0.044	58.131	0.031	58.166	0.006								
58.217	-0.011	58.256	-0.036	58.313	-0.061	58.360	-0.086								
58.401	-0.090	58.433	-0.103	58.475	-0.107	58.511	-0.103								
58.562	-0.111	58.625	-0.102	58.684	-0.111	58.741	-0.119								
58.772	-0.127	58.803	-0.115	58.852	-0.098	58.881	-0.076								
58.928	-0.059	58.992	-0.051	59.042	-0.025	59.083	-0.004								
59.135	0.017	59.174	0.030	59.215	0.039	59.257	0.064								
59.285	0.081	59.316	0.106	59.351	0.123	59.401	0.106								
59.450	0.093	59.500	0.093	59.537	0.072	59.578	0.054								

5.565	0.427	5.584	0.190	5.613	0.457	5.628	0.077	9.907	0.073	9.936	0.179	9.956	0.065	9.977	-0.113
5.639	-0.439	5.650	-0.659	5.677	-0.177	5.693	0.098	10.006	-0.316	10.038	-0.240	10.059	-0.020	10.083	0.276
5.719	0.348	5.741	-0.024	5.756	-0.345	5.769	-0.087	10.116	0.158	10.135	0.204	10.161	0.043	10.174	-0.054
5.783	0.134	5.801	-0.234	5.823	-0.610	5.848	-0.128	10.195	-0.109	10.214	-0.231	10.232	-0.043	10.253	-0.210
5.864	0.689	5.880	1.282	5.898	0.609	5.910	-0.334	10.274	-0.028	10.298	0.217	10.333	-0.062	10.349	-0.096
5.922	-0.625	5.936	-0.621	5.949	-0.676	5.977	-0.189	10.381	-0.443	10.424	-0.172	10.456	-0.143	10.486	-0.062
5.989	0.124	6.010	0.311	6.019	0.311	6.035	0.294	10.526	-0.346	10.569	-0.363	10.590	-0.244	10.616	-0.155
6.051	0.443	6.065	0.591	6.093	0.058	6.104	-0.242	10.635	-0.071	10.657	0.005	10.684	-0.024	10.710	0.036
6.125	-0.491	6.144	-0.580	6.175	-0.300	6.193	0.090	10.741	0.149	10.756	0.183	10.772	0.065	10.793	0.020
6.201	0.343	6.207	0.555	6.225	0.651	6.238	0.610	10.817	0.022	10.837	-0.062	10.858	-0.096	10.895	0.115
6.259	0.500	6.274	0.230	6.287	-0.028	6.306	0.099	10.932	0.331	10.959	0.242	10.977	0.048	10.992	-0.138
6.329	-0.957	6.337	-0.066	6.356	-0.332	6.375	-0.641	11.003	-0.231	11.045	0.001	11.085	0.217	11.116	0.103
6.398	0.539	6.410	-0.569	6.437	-0.327	6.446	-0.217	11.142	-0.105	11.161	-0.274	11.195	0.018	11.213	0.031
6.460	-0.052	6.475	-0.056	6.488	-0.039	6.494	-0.010	11.260	0.445	11.284	-0.003	11.311	0.230	11.336	0.037
6.508	0.079	6.518	0.151	6.529	0.084	6.541	-0.145	11.368	-0.401	11.398	-0.007	11.430	0.445	11.469	0.251
6.549	-0.348	6.559	-0.453	6.586	-0.026	6.600	0.486	11.481	0.234	11.501	-0.096	11.528	-0.464	11.568	-0.219
6.613	0.621	6.629	0.478	6.645	0.304	6.649	0.330	11.556	-0.058	11.628	-0.138	11.665	-0.028	11.681	-0.037
6.667	0.368	6.678	0.284	6.696	-0.148	6.711	-0.541	11.713	-0.037	11.742	-0.016	11.767	0.031	11.790	-0.045
6.729	-0.697	6.744	-0.672	6.762	-0.625	6.788	-0.363	11.806	-0.176	11.814	-0.253	11.835	-0.320	11.867	-0.168
6.809	0.073	6.818	-0.045	6.831	-0.138	6.854	0.124	11.878	-0.020	11.899	0.090	11.933	0.234	11.964	-0.028
6.864	0.403	6.882	0.500	6.908	0.373	6.928	-0.045	11.980	-0.181	12.006	-0.405	12.031	-0.198	12.044	0.073
6.941	-0.536	6.947	-0.807	6.966	-1.061	6.980	-0.879	12.068	0.192	12.089	0.192	12.110	0.162	12.136	0.170
6.995	-0.316	7.007	0.115	7.020	0.644	7.035	0.771	12.152	-0.007	12.168	-0.181	12.192	-0.193	12.209	-0.202
7.051	0.543	7.064	0.200	7.077	-0.282	7.087	-0.456	12.231	-0.206	12.267	-0.050	12.280	0.132	12.296	0.289
7.118	-0.096	7.143	-0.210	7.178	0.247	7.207	0.661	12.316	0.386	12.343	0.225	12.375	-0.066	12.404	-0.350
7.220	0.138	7.243	-0.291	7.261	-0.248	7.297	-0.511	12.437	-0.050	12.450	0.145	12.478	0.382	12.520	0.124
7.323	-0.138	7.361	-0.544	7.392	-0.016	7.424	0.543	12.545	-0.041	12.577	-0.219	12.607	0.022	12.638	0.268
7.442	0.505	7.472	-0.024	7.511	-0.680	7.539	-0.447	12.667	0.158	12.677	0.050	12.692	0.018	12.710	-0.054
7.563	0.255	7.596	0.987	7.622	0.120	7.635	-0.515	12.741	-0.054	12.767	-0.054	12.790	0.052	12.808	0.149
7.648	-0.654	7.654	-0.773	7.668	-0.819	7.694	-0.599	12.830	0.149	12.843	0.293	12.873	0.450	12.907	0.213
7.728	0.213	7.741	0.682	7.752	0.868	7.764	0.809	12.938	-0.024	12.953	-0.011	12.973	0.052	12.988	0.115
7.778	0.593	7.787	0.593	7.798	0.450	7.811	0.069	13.008	0.331	13.021	0.395	13.034	0.382	13.047	0.237
7.824	-0.303	7.832	-0.439	7.865	-0.646	7.891	-0.451	13.074	0.234	13.097	0.183	13.126	0.086	13.146	-0.024
7.922	-0.185	7.939	-0.134	7.956	-0.130	7.975	-0.227	13.158	-0.058	13.182	-0.003	13.197	0.001	13.209	-0.003
8.000	-0.329	8.031	-0.172	8.049	0.187	8.078	0.428	13.230	-0.007	13.255	-0.219	13.283	-0.396	13.314	-0.223
8.105	0.302	8.128	0.450	8.149	0.175	8.161	-0.147	13.344	-0.024	13.362	-0.113	13.382	-0.231	13.403	-0.244
8.169	-0.341	8.188	-0.464	8.232	-0.003	8.280	0.606	13.423	-0.341	13.436	-0.380	13.463	-0.215	13.474	-0.037
8.258	0.657	8.317	0.695	8.334	0.538	8.352	0.086	13.501	0.031	13.522	-0.105	13.540	-0.282	13.558	-0.398
8.365	-0.100	8.386	-0.240	8.417	0.082	8.432	0.204	13.593	-0.464	13.621	-0.286	13.652	-0.058	13.684	-0.168
8.461	0.306	8.483	0.120	8.502	0.247	8.514	0.221	13.710	-0.143	13.738	-0.189	13.758	-0.189	13.789	-0.160
8.529	0.340	8.555	0.145	8.574	-0.045	8.601	0.255	13.817	-0.058	13.859	0.039	13.874	0.035	13.905	-0.007
8.625	0.255	8.653	0.412	8.686	0.107	8.700	-0.620	13.936	-0.109	13.968	-0.024	13.997	-0.109	14.015	-0.164
8.728	0.115	8.745	0.115	8.764	0.111	8.785	0.111	14.040	0.022	14.060	0.111	14.081	0.128	14.096	0.124
8.802	-0.071	8.823	-0.253	8.831	-0.363	8.849	-0.380	14.121	0.120	14.147	0.022	14.161	-0.028	14.179	0.039
8.864	-0.396	8.893	0.005	8.906	0.251	8.921	0.382	14.195	0.098	14.240	0.098	14.240	0.090	14.261	0.010
8.934	0.403	8.958	0.225	8.979	-0.007	8.999	-0.007	14.279	-0.037	14.292	-0.058	14.319	0.036	14.333	-0.019
9.031	-0.198	9.059	-0.003	9.089	0.285	9.115	0.103	14.353	-0.049	14.371	-0.066	14.397	-0.015	14.418	0.041
9.129	-0.058	9.149	-0.121	9.168	-0.160	9.186	0.027	14.435	0.092	14.449	0.100	14.467	0.096	14.495	-0.052
9.199	0.213	9.214	0.217	9.234	0.318	9.245	0.352	14.519	-0.132	14.547	-0.072	14.569	-0.064	14.588	-0.021
9.266	0.001	9.282	-0.282	9.298	-0.291	9.318	-0.286	14.600	0.004	14.621	-0.084	14.639	-0.160	14.673	0.026
9.345	0.145	9.361	0.475	9.384	0.538	9.422	0.327	14.698	0.081	14.724	0.103	14.759	0.112	14.793	0.003
9.440	0.048	9.453	-0.291	9.467	-0.443	9.500	0.208	14.811	0.016	14.832	0.046	14.856	0.055	14.879	0.042
9.521	0.598	9.567	0.048	9.580	0.001	9.595	-0.240	14.909	0.106	14.933	0.090	14.962	0.116	14.990	0.040
9.620	-0.557	9.646	-0.312	9.673	-0.261	9.702	-0.020	15.015	-0.027	15.052	-0.069	15.078	-0.022	15.099	0.076
9.722	0.132	9.757	0.145	9.794	-0.160	9.809	-0.325	15.131	0.250	15.166	0.166	15.189	0.078	15.207	-0.002
9.833	-0.443	9.854	-0.375	9.873	-0.316	9.893	-0.105	15.227	-0.036	15.264	-0.116	15.290	0.003	15.327	0.147

15.357	0.020	15.383	-0.022	15.407	-0.047	15.437	-0.060	21.126	0.022	21.159	-0.083	21.181	-0.143	21.204	-0.083
15.466	0.017	15.506	-0.063	15.532	0.009	15.548	0.106	21.230	-0.033	21.269	0.086	21.299	-0.016	21.325	-0.109
15.577	0.208	15.604	0.077	15.630	-0.126	15.655	-0.308	21.344	-0.143	21.371	-0.071	21.391	-0.058	21.415	0.014
15.694	-0.126	15.714	0.077	15.738	0.183	15.762	0.234	21.434	0.022	21.450	0.014	21.474	-0.058	21.496	-0.164
15.790	0.145	15.804	-0.041	15.817	-0.198	15.830	-0.282	21.532	-0.024	21.564	-0.160	21.596	-0.066	21.609	-0.066
15.854	-0.185	15.885	-0.172	15.920	-0.020	15.949	-0.105	21.629	-0.007	21.653	-0.007	21.684	0.005	21.706	-0.041
15.864	-0.189	15.988	-0.189	16.024	-0.062	16.049	-0.086	21.738	-0.075	21.774	-0.092	21.801	-0.083	21.829	-0.033
16.074	-0.117	16.099	-0.193	16.132	-0.092	16.178	0.073	21.869	0.035	21.900	-0.038	21.930	-0.079	21.956	-0.028
16.305	-0.130	16.354	0.014	16.251	-0.248	16.272	-0.274	21.982	0.010	22.021	0.141	22.048	0.094	22.077	0.043
16.452	-0.176	16.475	-0.223	16.494	-0.206	16.520	-0.176	22.122	-0.176	22.155	0.014	22.187	0.242	22.216	0.289
16.555	-0.028	16.581	0.107	16.602	0.107	16.631	0.014	22.266	-0.075	22.288	-0.075	22.305	-0.092	22.333	-0.007
16.646	-0.045	16.671	-0.045	16.703	0.014	16.741	0.090	22.356	0.128	22.377	0.120	22.392	0.107	22.415	0.158
16.765	0.048	16.777	0.027	16.805	0.060	16.825	0.056	22.431	0.060	22.448	-0.045	22.480	0.031	22.508	0.103
16.849	0.111	16.882	0.039	16.912	0.098	16.935	0.082	22.542	-0.007	22.565	-0.016	22.586	-0.016	22.618	-0.007
16.971	0.162	16.992	0.149	17.022	0.065	17.051	0.111	22.663	0.094	22.691	0.056	22.730	0.035	22.753	-0.062
17.079	0.162	17.115	0.306	17.138	0.234	17.153	0.204	22.771	-0.118	22.789	-0.113	22.811	-0.080	22.863	0.119
17.184	0.204	17.228	0.145	17.268	0.192	17.297	0.247	22.880	0.098	22.914	0.072	22.934	-0.004	22.954	-0.068
17.332	0.327	17.360	0.213	17.381	0.128	17.402	-0.016	22.965	-0.084	22.986	-0.063	23.008	-0.030	23.031	0.017
17.423	-0.130	17.459	0.077	17.499	-0.221	17.539	0.056	23.059	0.089	23.090	0.038	23.125	-0.026	23.151	-0.073
17.575	-0.105	17.604	-0.113	17.638	-0.193	17.665	-0.062	23.217	-0.060	23.241	-0.001	23.267	-0.001	23.291	0.020
17.686	0.035	17.709	0.026	17.754	-0.041	17.767	-0.041	23.307	0.050	23.344	-0.015	23.387	-0.054	23.421	0.010
17.795	-0.130	17.816	-0.223	17.838	-0.173	17.865	-0.105	23.450	0.036	23.473	0.047	23.515	-0.034	23.545	-0.013
17.883	-0.105	17.898	-0.105	17.923	-0.050	17.943	-0.109	23.582	-0.068	23.608	-0.086	23.643	0.041	23.679	0.155
17.968	-0.156	17.999	-0.224	18.021	-0.207	18.044	-0.177	23.719	0.027	23.745	-0.074	23.773	-0.113	23.817	0.014
18.065	-0.160	18.078	-0.207	18.097	-0.249	18.120	-0.194	23.836	0.077	23.870	0.132	23.903	0.051	23.935	-0.034
18.139	-0.161	18.152	-0.161	18.190	-0.013	18.213	-0.043	23.953	-0.072	23.985	-0.033	24.032	-0.176	24.063	0.041
18.237	-0.064	18.253	-0.077	18.281	-0.077	18.304	-0.043	24.089	-0.099	24.108	-0.112	24.147	-0.070	24.181	-0.028
18.333	0.020	18.350	0.063	18.369	0.034	18.392	0.054	24.231	0.056	24.273	-0.004	24.291	-0.034	24.314	-0.047
18.420	-0.022	18.433	-0.073	18.456	-0.039	18.484	0.016	24.340	-0.014	24.368	-0.039	24.396	-0.001	24.418	-0.014
18.499	0.058	18.513	0.117	18.531	0.155	18.558	0.070	24.436	-0.014	24.466	0.028	24.503	-0.049	24.526	-0.049
18.579	-0.040	18.612	-0.171	18.641	-0.095	18.667	-0.023	24.560	-0.062	24.594	-0.025	24.612	-0.038	24.636	-0.008
18.700	0.049	18.728	-0.015	18.752	0.027	18.780	-0.078	24.662	-0.004	24.680	0.008	24.700	0.033	24.715	0.041
18.800	-0.159	18.833	-0.087	18.861	0.002	18.881	0.057	24.734	-0.016	24.752	-0.023	24.765	-0.070	24.778	-0.100
18.898	0.037	18.914	0.069	18.945	-0.007	18.952	-0.032	24.803	-0.050	24.818	-0.012	24.833	0.013	24.857	0.008
18.990	0.061	19.013	0.031	19.031	0.031	19.063	0.010	24.877	0.007	24.912	0.023	24.938	-0.024	24.968	-0.085
19.084	0.014	19.112	-0.020	19.132	-0.066	19.149	-0.100	24.992	-0.081	25.017	-0.078	25.040	-0.023	25.063	0.001
19.170	-0.020	19.185	0.052	19.205	0.022	19.235	0.120	25.093	0.005	25.113	-0.013	25.131	-0.077	25.179	-0.027
19.263	0.029	19.279	0.035	19.306	0.018	19.339	0.098	25.202	0.017	25.231	0.082	25.266	0.124	25.297	0.064
19.367	0.043	19.385	0.027	19.399	0.005	19.430	-0.071	25.322	0.017	25.352	-0.042	25.373	-0.051	25.390	-0.042
19.453	0.022	19.477	0.094	19.502	0.022	19.536	0.069	25.419	0.017	25.438	0.063	25.457	0.101	25.491	0.033
19.557	-0.033	19.570	-0.105	19.599	-0.016	19.616	0.035	25.512	-0.012	25.537	-0.001	25.563	-0.057	25.583	-0.086
19.635	0.035	19.664	0.073	19.691	0.073	19.712	0.001	25.618	-0.087	25.644	0.002	25.669	0.057	25.700	0.090
19.726	-0.037	19.744	-0.050	19.764	-0.066	19.796	0.027	25.730	-0.003	25.748	-0.014	25.770	-0.066	25.796	0.010
19.825	0.031	19.855	0.103	19.889	-0.007	19.919	-0.151	25.820	0.018	25.855	0.014	25.868	0.006	25.887	-0.006
19.942	-0.113	19.968	-0.050	19.988	0.162	20.028	0.302	25.914	0.023	25.955	0.065	25.974	0.023	25.999	-0.049
20.064	0.111	20.087	-0.045	20.109	-0.147	20.138	-0.117	26.017	-0.070	26.050	-0.070	26.071	0.006	26.087	0.053
20.169	-0.024	20.192	0.065	20.220	0.145	20.239	0.192	26.113	0.057	26.143	0.036	26.187	-0.070	26.204	-0.070
20.265	0.111	20.290	-0.007	20.318	-0.113	20.337	-0.109	26.228	-0.069	26.259	-0.133	26.285	-0.057	26.321	0.036
20.372	0.043	20.408	0.153	20.433	0.094	20.456	0.016	26.352	-0.130	26.378	-0.035	26.397	-0.128	26.417	-0.145
20.475	-0.138	20.487	-0.147	20.513	-0.075	20.538	0.031	26.448	-0.094	26.469	-0.111	26.493	-0.111	26.534	0.084
20.566	-0.058	20.597	-0.007	20.613	-0.007	20.626	-0.007	26.565	0.096	26.589	0.056	26.622	-0.005	26.643	-0.081
20.662	-0.055	20.692	-0.066	20.712	-0.117	20.736	-0.160	26.661	-0.124	26.690	-0.035	26.716	-0.010	26.747	-0.066
20.762	-0.033	20.793	0.014	20.821	-0.062	20.850	-0.113	26.785	-0.031	26.818	-0.018	26.845	-0.035	26.877	-0.044
20.871	-0.155	20.886	-0.176	20.923	-0.041	20.957	0.065	26.906	0.007	26.935	0.045	26.959	0.032	26.990	0.024
20.995	0.001	21.037	-0.083	21.074	-0.010	21.099	0.014	27.012	-0.023	27.037	-0.044	27.062	0.007	27.080	0.006
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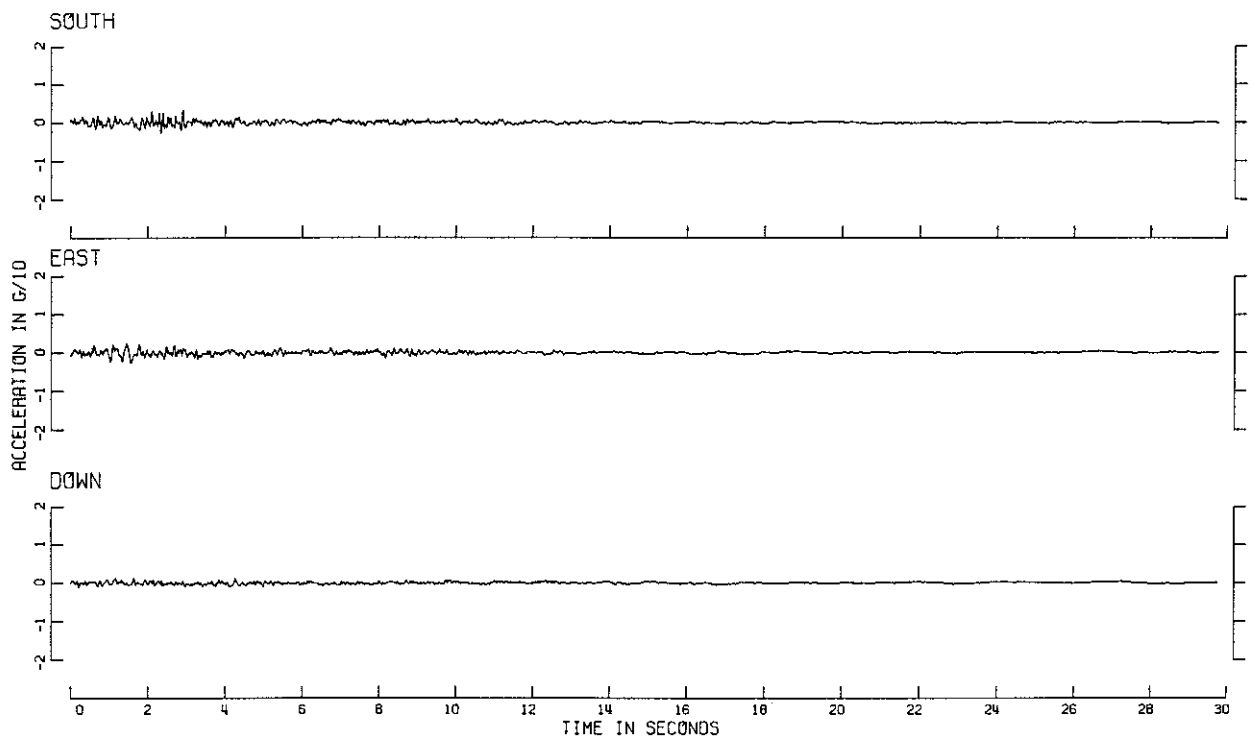
27.209	-0.040	27.228	-0.032	27.260	-0.121	27.294	-0.002	32.766	-0.164	32.796	-0.126	32.818	-0.050	32.836	0.043
27.314	0.027	27.343	0.040	27.369	-0.015	27.398	0.006	32.865	0.102	32.889	0.026	32.907	-0.084	32.930	-0.152
27.420	-0.037	27.446	0.010	27.469	0.035	27.512	0.111	32.951	-0.101	32.983	0.004	32.996	0.038	33.027	0.004
27.538	0.044	27.583	-0.024	27.612	0.031	27.638	0.102	33.067	-0.076	33.084	-0.093	33.108	-0.039	33.140	-0.054
27.682	0.064	27.712	-0.009	27.745	-0.119	27.791	-0.018	33.171	0.001	33.198	0.077	33.213	0.103	33.234	0.039
27.824	0.058	27.851	0.096	27.882	0.053	27.914	-0.062	33.252	-0.067	33.265	-0.139	33.285	-0.177	33.312	-0.105
27.939	-0.075	27.978	-0.172	28.005	-0.067	28.023	0.022	33.326	0.000	33.346	0.089	33.359	0.144	33.387	0.072
28.049	0.026	28.073	0.030	28.096	0.008	28.131	-0.010	33.405	-0.051	33.423	-0.152	33.435	-0.186	33.458	0.144
28.157	0.057	28.186	-0.028	28.216	-0.021	28.252	-0.017	33.483	-0.025	33.504	0.119	33.527	0.199	33.558	0.140
28.287	-0.065	28.322	-0.057	28.366	0.022	28.405	0.016	33.585	0.026	33.605	-0.117	33.624	-0.185	33.647	-0.100
28.448	-0.031	28.488	0.010	28.514	-0.003	28.537	0.000	33.675	0.015	33.700	0.180	33.716	0.245	33.749	0.210
28.569	0.033	28.592	-0.009	28.614	-0.027	28.642	-0.027	33.767	0.079	33.792	-0.094	33.812	-0.098	33.839	-0.098
28.674	-0.032	28.703	0.069	28.763	-0.021	28.757	0.046	33.862	0.038	33.874	0.148	33.898	0.212	33.944	0.132
28.814	-0.038	28.844	0.008	28.867	-0.014	28.892	0.028	33.962	0.039	33.981	-0.067	34.003	-0.105	34.022	-0.080
28.929	0.027	28.963	0.027	28.995	-0.041	29.017	-0.071	34.087	-0.024	34.094	0.056	34.122	0.043	34.164	0.009
29.051	-0.021	29.098	0.050	29.131	-0.060	29.149	-0.115	34.212	-0.034	34.223	-0.042	34.249	-0.026	34.283	-0.035
29.189	-0.059	29.231	0.059	29.259	0.060	29.282	-0.029	34.308	0.003	34.335	0.075	34.358	0.028	34.379	-0.019
29.307	-0.101	29.333	-0.058	29.370	-0.079	29.394	-0.032	34.407	-0.104	34.428	-0.147	34.452	-0.100	34.479	0.005
29.426	-0.032	29.456	0.083	29.499	-0.065	29.542	-0.166	34.511	-0.043	34.542	0.013	34.568	0.047	34.596	-0.038
29.576	-0.056	29.624	0.072	29.664	0.008	29.690	-0.050	34.622	-0.026	34.648	0.033	34.666	0.075	34.693	0.046
29.746	-0.032	29.801	0.095	29.835	0.015	29.862	-0.026	34.721	0.067	34.745	0.033	34.767	-0.018	34.785	-0.022
29.887	-0.047	29.925	-0.055	29.944	-0.055	29.973	-0.025	34.809	-0.023	34.839	-0.031	34.863	0.011	34.878	0.002
30.001	0.005	30.033	0.040	30.066	-0.019	30.084	-0.079	34.857	-0.019	34.912	-0.023	34.940	0.011	34.966	0.003
30.105	-0.121	30.116	-0.138	30.145	-0.070	30.158	-0.010	34.982	0.057	35.005	0.039	35.027	0.014	35.053	-0.021
30.174	0.041	30.205	0.125	30.238	-0.001	30.254	-0.027	35.071	-0.059	35.084	-0.080	35.100	-0.047	35.120	-0.009
30.285	-0.107	30.306	-0.052	30.332	0.003	30.367	0.084	35.141	0.016	35.157	0.012	35.175	0.007	35.197	0.007
30.378	0.063	30.393	0.024	30.401	0.012	30.423	0.024	35.215	-0.007	35.234	0.002	35.256	-0.011	35.274	-0.011
30.439	-0.005	30.460	-0.056	30.491	-0.039	30.521	0.046	35.289	-0.032	35.299	-0.058	35.310	-0.071	35.328	-0.075
30.536	0.071	30.561	0.063	30.587	0.050	30.619	0.042	35.345	-0.075	35.370	-0.021	35.393	0.034	35.409	0.035
30.642	-0.009	30.656	-0.077	30.669	-0.106	30.695	-0.081	35.421	0.068	35.446	0.050	35.467	0.008	35.487	-0.039
30.727	0.025	30.745	0.059	30.772	0.076	30.785	0.051	35.504	-0.086	35.522	-0.112	35.538	-0.074	35.560	-0.027
30.798	0.000	30.807	-0.025	30.838	0.013	30.877	-0.050	35.578	0.006	35.598	0.040	35.615	0.061	35.638	0.056
30.896	-0.016	30.921	0.026	30.937	0.013	30.955	-0.046	35.671	0.035	35.691	0.022	35.719	0.034	35.740	0.038
30.965	-0.071	30.974	-0.037	30.994	0.022	31.007	0.052	35.772	0.025	35.796	-0.001	35.826	-0.014	35.844	-0.014
31.017	0.035	31.040	-0.037	31.053	-0.067	31.067	-0.050	35.870	-0.010	35.903	0.006	35.935	0.035	35.950	0.040
31.057	0.039	31.111	0.073	31.126	0.057	31.139	0.006	35.974	0.027	35.996	-0.011	36.020	-0.012	36.045	-0.016
31.155	0.002	31.177	0.010	31.194	0.019	31.211	0.015	36.063	-0.003	36.088	0.026	36.114	-0.012	36.156	-0.067
31.222	0.011	31.240	0.032	31.256	0.062	31.281	0.032	36.185	-0.050	36.220	0.026	36.246	0.072	36.277	0.042
31.299	0.003	31.328	0.028	31.359	0.062	31.377	0.083	36.300	-0.009	36.319	-0.055	36.344	-0.060	36.374	-0.064
31.400	0.045	31.420	-0.009	31.444	-0.073	31.457	-0.094	36.395	-0.047	36.420	0.004	36.455	0.041	36.478	0.037
31.475	-0.052	31.485	0.016	31.498	0.007	31.515	0.071	36.494	0.012	36.514	-0.018	36.533	-0.035	36.556	-0.043
31.531	0.054	31.562	0.084	31.575	0.046	31.601	-0.069	36.587	0.016	36.608	0.045	36.635	0.066	36.663	0.049
31.619	-0.098	31.634	-0.073	31.653	-0.005	31.688	0.071	36.694	0.011	36.707	-0.002	36.726	-0.002	36.741	-0.010
31.712	0.105	31.740	0.080	31.756	0.004	31.778	-0.110	36.765	0.015	36.791	0.032	36.812	0.049	36.828	0.070
31.802	-0.177	31.823	-0.126	31.846	0.009	31.869	0.157	36.838	0.053	36.861	0.040	36.875	0.023	36.896	0.015
31.888	0.200	31.910	0.187	31.936	0.132	31.953	0.073	36.914	-0.019	36.942	-0.045	36.963	-0.023	36.971	0.031
31.968	0.001	31.981	-0.062	32.006	-0.074	32.025	-0.083	36.991	0.082	37.008	0.057	37.030	0.010	37.044	0.006
32.050	-0.125	32.072	0.019	32.097	0.201	32.111	0.260	37.078	-0.063	37.093	-0.003	37.120	0.022	37.153	-0.008
32.131	0.201	32.155	0.023	32.175	-0.121	32.193	-0.155	37.197	-0.042	37.213	-0.004	37.234	0.034	37.265	0.009
32.214	-0.109	32.238	-0.008	32.252	0.042	32.291	0.020	37.278	-0.017	37.291	-0.046	37.309	-0.063	37.332	-0.030
32.335	0.095	32.351	0.066	32.379	-0.022	32.397	-0.115	37.352	0.012	37.380	0.038	37.408	0.012	37.438	-0.035
32.412	-0.182	32.432	-0.241	32.448	-0.173	32.466	-0.045	37.456	-0.039	37.497	0.022	37.526	0.011	37.543	0.015
32.479	0.028	32.497	0.142	32.515	0.156	32.533	0.102	37.569	0.019	37.600	0.011	37.632	-0.006	37.646	-0.023
32.553	-0.025	32.574	-0.158	32.588	-0.262	32.607	-0.196	37.668	-0.049	37.684	-0.061	37.712	-0.019	37.730	0.015
32.620	-0.100	32.633	0.018	32.651	0.090	32.666	0.158	37.760	0.057	37.798	0.044	37.798	0.019	37.824	0.002
32.678	0.175	32.704	0.120	32.727	-0.003	32.745	-0.121	37.837	-0.006	37.857	-0.015	37.885	-0.032	37.908	0.002

37.930	0.049	37.951	0.019	37.974	0.011	37.991	-0.002	44.409	-0.002	44.441	0.011	44.481	0.027	44.515	-0.002
38.009	-0.019	38.029	0.011	38.059	0.041	38.088	0.037	44.538	-0.024	44.559	-0.011	44.585	-0.019	44.612	-0.003
38.120	0.020	38.156	-0.006	38.179	0.045	38.201	0.066	44.633	0.023	44.662	0.039	44.695	0.027	44.721	0.005
38.227	0.054	38.265	0.024	38.301	0.008	38.333	0.024	44.754	-0.041	44.764	-0.045	44.793	-0.024	44.819	0.001
38.362	0.029	38.397	0.054	38.425	0.028	38.451	0.011	44.840	0.039	44.866	0.048	44.885	0.018	44.910	-0.020
38.484	-0.006	38.507	-0.023	38.539	0.015	38.570	0.028	44.924	-0.050	44.945	-0.041	44.974	-0.028	45.000	0.001
38.599	0.019	38.637	0.007	38.662	-0.006	38.677	-0.015	45.017	0.039	45.041	0.052	45.067	0.027	45.091	-0.003
38.702	0.002	38.728	0.019	38.749	0.019	38.781	0.006	45.115	-0.041	45.132	-0.034	45.148	-0.024	45.172	-0.004
38.800	-0.015	38.825	-0.003	38.857	-0.032	38.900	0.027	45.190	0.006	45.211	0.031	45.224	0.052	45.243	0.036
38.936	0.014	38.970	0.005	39.008	0.001	39.036	-0.007	45.273	-0.007	45.289	-0.032	45.300	-0.040	45.327	-0.019
39.062	-0.015	39.090	-0.032	39.113	-0.006	39.134	0.028	45.351	0.023	45.371	0.002	45.406	0.049	45.435	0.024
39.158	0.028	39.181	0.028	39.207	0.016	39.234	-0.018	45.459	-0.022	45.475	-0.043	45.493	-0.034	45.516	-0.034
39.251	0.008	39.283	0.054	39.304	0.033	39.328	-0.026	45.537	-0.000	45.562	0.030	45.591	0.034	45.611	0.026
39.363	-0.017	39.407	-0.026	39.441	-0.012	39.478	0.015	45.635	0.001	45.656	-0.012	45.675	-0.020	45.699	-0.011
39.536	-0.014	39.581	-0.026	39.603	0.016	39.642	0.097	45.723	0.014	45.741	0.036	45.770	0.032	45.789	0.011
39.665	0.068	39.687	-0.016	39.707	-0.067	39.736	-0.016	45.804	-0.019	45.815	-0.031	45.835	-0.018	45.862	0.003
39.767	0.035	39.815	0.006	39.852	-0.019	39.880	-0.002	45.893	0.025	45.912	0.039	45.933	0.017	45.968	0.004
39.904	0.057	39.937	0.041	39.974	0.028	40.002	-0.005	45.999	-0.004	46.034	-0.016	46.063	-0.011	46.088	0.014
40.031	-0.047	40.060	-0.031	40.086	-0.009	40.112	0.012	46.125	0.057	46.152	0.032	46.176	0.003	46.207	-0.005
40.134	0.020	40.161	-0.005	40.186	-0.031	40.212	-0.039	46.234	-0.001	46.260	0.016	46.286	0.034	46.333	0.030
40.249	0.012	40.275	-0.001	40.296	-0.001	40.331	-0.001	46.377	0.026	46.422	0.023	46.440	0.018	46.472	0.010
40.346	0.008	40.360	0.029	40.388	0.037	40.406	0.024	46.498	-0.003	46.539	0.006	46.568	0.018	46.597	0.031
40.422	-0.005	40.454	-0.005	40.475	-0.010	40.488	0.011	46.636	0.001	46.663	-0.024	46.686	-0.041	46.712	-0.020
40.507	0.032	40.531	0.015	40.551	-0.019	40.586	-0.019	46.735	0.014	46.759	0.026	46.793	0.017	46.811	-0.000
40.617	0.002	40.651	0.044	40.672	0.023	40.706	-0.015	46.837	-0.018	46.861	-0.010	46.891	-0.002	46.922	-0.002
40.725	-0.032	40.752	0.010	40.777	0.035	40.823	0.027	46.943	-0.015	46.964	-0.021	46.988	-0.003	47.019	0.013
40.862	0.014	40.896	0.030	40.943	0.043	40.972	0.055	47.059	-0.000	47.094	-0.021	47.119	-0.043	47.143	-0.022
41.006	0.017	41.056	-0.043	41.075	0.003	41.101	0.033	47.174	0.012	47.190	0.020	47.221	0.003	47.247	-0.035
41.133	0.058	41.166	0.028	41.183	-0.002	41.193	-0.040	47.269	-0.027	47.300	-0.010	47.333	-0.019	47.357	0.032
41.222	-0.002	41.237	0.011	41.258	-0.049	41.276	0.066	47.390	0.020	47.424	0.003	47.456	-0.022	47.472	-0.047
41.303	0.053	41.328	0.019	41.355	-0.002	41.378	0.002	47.497	-0.005	47.529	0.021	47.554	0.051	47.575	0.043
41.399	0.019	41.445	0.040	41.485	0.015	41.520	-0.010	47.613	0.001	47.642	-0.028	47.677	-0.032	47.700	-0.011
41.538	-0.015	41.581	0.011	41.609	0.041	41.635	0.028	47.718	0.023	47.747	0.057	47.779	0.045	47.808	0.011
41.674	0.024	41.713	-0.001	41.744	-0.013	41.765	-0.013	47.833	-0.023	47.851	-0.040	47.874	-0.014	47.897	0.020
41.796	0.012	41.823	0.038	41.860	0.009	41.888	-0.008	47.925	0.029	47.953	0.041	47.974	0.037	48.001	-0.001
41.920	-0.046	41.942	-0.012	41.978	0.030	42.012	0.018	48.019	-0.035	48.042	-0.044	48.076	-0.010	48.106	0.032
42.049	-0.007	42.079	-0.007	42.103	-0.007	42.144	-0.007	48.126	0.049	48.155	0.028	48.195	-0.015	48.226	0.002
42.175	-0.023	42.214	-0.019	42.255	0.003	42.293	0.016	48.259	0.023	48.289	0.028	48.318	0.007	48.336	-0.002
42.319	-0.018	42.343	-0.043	42.379	-0.005	42.425	0.071	48.364	-0.002	48.379	0.002	48.409	0.005	48.437	0.032
42.451	0.042	42.495	-0.013	42.521	-0.029	42.547	-0.017	48.455	0.036	48.477	0.024	48.503	-0.002	48.529	-0.019
42.565	-0.004	42.607	0.005	42.646	0.005	42.684	0.013	48.561	-0.010	48.596	-0.015	48.602	0.037	48.620	0.066
42.713	0.009	42.737	-0.004	42.760	0.000	42.801	0.000	48.643	0.041	48.668	-0.001	48.690	-0.039	48.714	-0.060
42.832	0.000	42.858	-0.012	42.887	-0.017	42.912	-0.017	48.734	-0.026	48.759	0.012	48.774	-0.033	48.804	0.024
42.932	-0.012	42.966	0.017	42.982	0.026	42.998	0.013	48.830	0.020	48.859	0.003	48.892	-0.001	48.930	-0.001
43.012	-0.008	43.038	0.013	43.060	0.038	43.080	0.026	48.960	-0.001	48.988	-0.001	49.008	0.029	49.033	0.041
43.108	0.004	43.132	-0.012	43.155	-0.025	43.178	-0.004	49.061	0.028	49.088	0.016	49.108	0.016	49.128	0.011
43.212	0.026	43.238	0.047	43.263	0.035	43.293	0.035	49.155	-0.014	49.183	0.067	49.201	0.036	49.228	0.024
43.316	0.014	43.335	-0.011	43.352	0.010	43.375	0.023	49.248	0.015	49.278	0.028	49.309	0.003	49.336	0.007
43.391	0.027	43.414	0.036	43.442	0.049	43.460	0.036	49.356	0.015	49.383	-0.027	49.408	0.011	49.431	0.032
43.486	0.019	43.521	0.011	43.542	0.011	43.569	0.028	49.467	0.015	49.501	0.024	49.539	-0.015	49.559	0.002
43.600	0.028	43.638	0.011	43.664	0.003	43.698	0.024	49.579	-0.001	49.604	0.002	49.634	-0.002	49.666	-0.010
43.718	0.050	43.746	0.050	43.777	0.029	43.796	0.003	49.697	-0.001	49.719	0.003	49.742	0.012	49.770	0.016
43.825	-0.026	43.856	-0.009	43.896	-0.003	43.940	0.020	49.792	0.008	49.828	0.008	49.860	0.008	49.896	0.008
43.977	0.033	44.014	0.008	44.052	-0.005	44.100	0.008	49.938	0.008	49.963	0.009	49.999	0.038	50.029	0.021
44.113	0.024	44.151	0.016	44.184	0.007	44.207	-0.010	50.057	-0.013	50.077	-0.030	50.108	0.008	50.135	0.059
44.251	0.011	44.291	0.011	44.330	0.011	44.384	0.002	50.158	0.042	50.191	0.008	50.213	-0.026	50.236	0.004

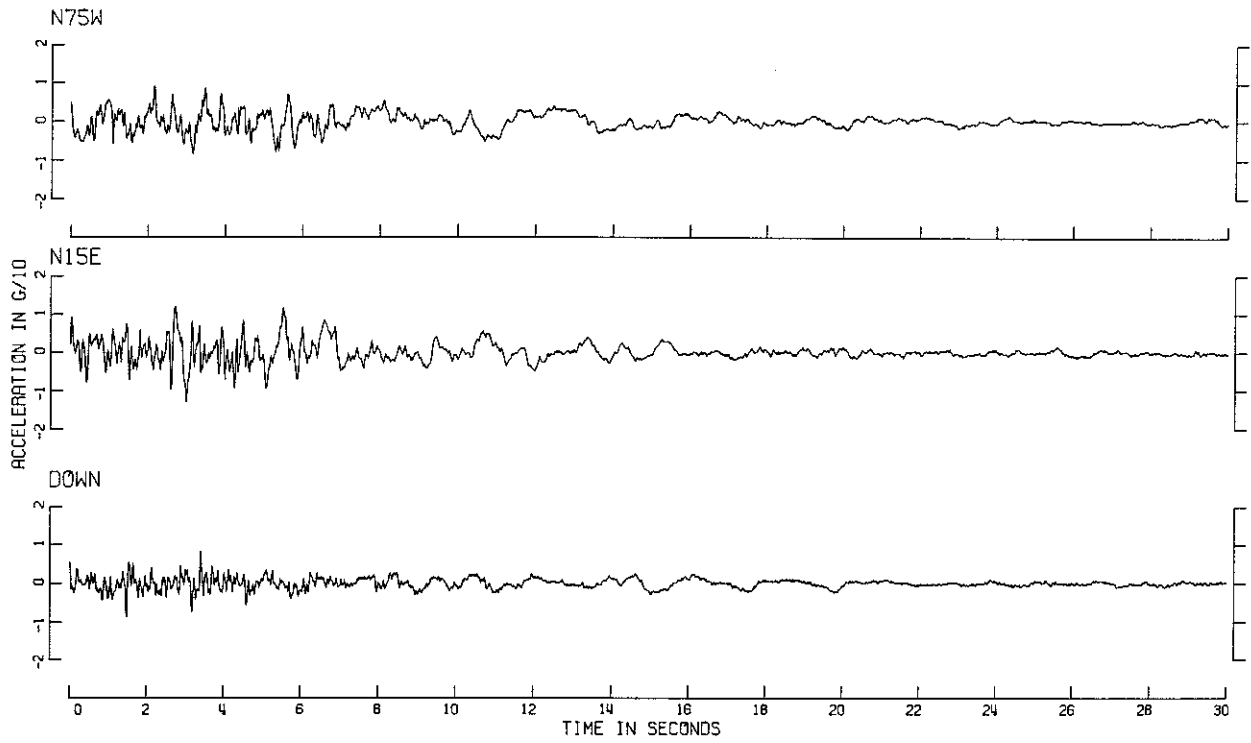
50.270	0.012	50.308	0.004	50.340	0.004	50.366	0.008	54.603	-0.026	54.623	-0.018	54.634	-0.006	54.669	0.007
50.381	0.007	50.399	-0.001	50.422	-0.018	50.445	-0.014	54.684	0.007	54.700	-0.002	54.720	-0.006	54.748	-0.006
50.460	0.015	50.481	0.040	50.506	0.053	50.531	0.036	54.795	0.003	54.818	0.006	54.833	0.003	54.833	0.016
50.554	0.019	50.572	-0.003	50.587	-0.028	50.605	0.010	54.858	0.007	54.881	-0.001	54.904	-0.005	54.939	0.016
50.623	0.031	50.644	0.026	50.679	0.039	50.720	0.013	54.971	0.004	54.999	0.012	55.019	0.004	55.042	0.021
50.755	-0.030	50.791	0.016	50.824	0.016	50.870	0.011	55.077	0.005	55.101	0.013	55.123	0.030	55.143	0.039
50.888	-0.010	50.914	-0.010	50.948	-0.014	50.984	0.003	55.161	0.031	55.190	0.022	55.212	0.005	55.233	-0.012
51.011	0.028	51.037	0.040	51.070	0.023	51.096	0.002	55.261	0.013	55.285	0.043	55.309	0.051	55.327	0.047
51.124	-0.032	51.155	-0.015	51.183	0.002	51.222	0.023	55.356	0.005	55.377	-0.012	55.397	-0.008	55.419	0.000
51.254	0.022	51.280	-0.016	51.306	-0.024	51.338	-0.032	55.442	0.021	55.462	0.038	55.476	0.001	55.504	0.042
51.361	-0.036	51.386	-0.002	51.414	-0.028	51.443	-0.044	55.525	0.033	55.544	0.016	55.557	-0.009	55.576	-0.043
51.472	-0.036	51.502	-0.014	51.529	0.003	51.557	-0.010	55.599	-0.018	55.622	0.003	55.649	0.046	55.662	0.058
51.580	-0.027	51.613	-0.043	51.642	-0.022	51.678	0.004	55.686	0.037	55.712	0.012	55.732	-0.006	55.758	-0.022
51.707	-0.000	51.745	0.017	51.791	0.009	51.828	0.000	55.774	-0.009	55.790	0.014	55.809	0.017	55.835	0.025
51.864	-0.004	51.903	0.014	51.935	0.005	51.961	-0.012	55.854	0.017	55.870	-0.004	55.911	-0.008	55.925	-0.021
51.986	0.005	52.012	0.014	52.026	-0.012	52.054	0.014	55.946	-0.037	55.961	-0.025	55.973	-0.016	55.993	0.001
52.078	0.026	52.104	0.001	52.129	0.013	52.153	0.026	56.028	-0.003	56.051	0.014	56.070	0.006	56.083	-0.002
52.174	0.013	52.202	0.000	52.234	0.030	52.267	0.030	56.099	-0.015	56.114	-0.027	56.130	-0.010	56.144	0.011
52.291	0.030	52.319	0.025	52.345	0.004	52.362	0.004	56.163	0.011	56.186	0.010	56.205	0.010	56.236	0.025
52.390	0.008	52.418	0.011	52.440	0.024	52.469	0.015	56.276	0.002	56.304	0.018	56.342	-0.003	56.365	0.022
52.518	0.023	52.531	0.014	52.547	0.002	52.560	-0.003	56.381	0.035	56.419	0.035	56.453	0.043	56.483	0.013
52.578	0.010	52.594	0.001	52.609	0.014	52.625	0.026	56.510	-0.008	56.537	0.000	56.561	0.017	56.584	0.047
52.638	0.026	52.649	0.017	52.660	0.013	52.672	0.026	56.607	0.064	56.627	0.056	56.650	0.022	56.674	0.006
52.685	0.034	52.694	0.034	52.707	0.034	52.724	0.029	56.699	-0.007	56.725	-0.028	56.753	0.015	56.768	0.032
52.738	0.025	52.753	0.016	52.771	0.008	52.783	0.003	56.787	0.049	56.810	0.079	56.832	0.050	56.846	0.016
52.795	0.003	52.803	0.003	52.817	0.003	52.833	0.015	56.860	-0.005	56.878	-0.022	56.902	-0.009	56.929	0.021
52.843	0.024	52.854	0.032	52.867	0.023	52.884	0.019	56.963	0.050	57.001	0.029	57.029	0.004	57.076	0.004
52.900	0.015	52.911	0.006	52.926	0.010	52.951	0.019	57.108	0.025	57.134	0.013	57.173	-0.008	57.206	0.009
52.966	-0.003	52.976	-0.007	52.988	-0.012	53.003	-0.003	57.228	0.000	57.257	0.042	57.291	0.038	57.329	-0.029
53.019	0.005	53.037	0.013	53.053	0.013	53.068	0.013	57.355	-0.021	57.388	0.005	57.425	0.031	57.466	0.018
53.137	-0.005	53.151	0.003	53.164	0.007	53.179	0.007	57.499	-0.014	57.661	0.041	57.687	0.028	57.715	0.012
53.203	0.007	53.224	0.015	53.242	0.024	53.253	0.019	57.622	0.024	57.778	0.003	57.799	0.020	57.825	0.037
53.268	0.024	53.279	0.011	53.293	0.006	53.308	0.011	57.847	0.037	57.864	0.024	57.887	0.003	57.921	-0.010
53.326	0.002	53.340	-0.007	53.353	-0.011	53.364	-0.007	57.960	0.002	57.999	0.019	58.033	0.006	58.079	0.023
53.377	0.002	53.401	0.027	53.416	0.039	53.434	0.052	58.124	-0.007	58.165	-0.015	58.183	-0.024	58.200	0.006
53.448	0.052	53.461	0.043	53.480	0.039	53.500	0.027	58.220	0.027	58.259	0.052	58.275	-0.006	58.306	0.010
53.514	0.018	53.527	0.001	53.540	-0.011	53.551	-0.016	58.337	-0.028	58.357	-0.015	58.383	0.019	58.405	0.053
53.564	-0.011	53.583	0.005	53.598	0.027	53.614	0.043	58.435	0.075	58.449	0.058	58.475	0.033	58.500	0.008
53.622	0.056	53.635	0.069	53.646	0.056	53.659	0.043	58.521	-0.009	58.544	0.008	58.572	0.030	58.607	0.047
53.672	0.022	53.686	0.014	53.711	0.014	53.727	0.005	58.635	0.023	58.663	0.010	58.692	-0.006	58.730	0.024
53.743	0.001	53.756	0.014	53.772	0.014	53.783	0.022	58.762	0.046	58.796	0.017	58.840	0.034	58.873	0.013
53.798	0.014	53.809	0.022	53.822	0.031	53.835	0.052	58.897	0.043	58.920	0.026	58.961	0.005	59.005	-0.008
53.846	0.065	53.858	0.052	53.870	0.035	53.885	0.035	59.046	0.026	59.079	0.042	59.103	0.034	59.138	0.020
53.900	0.039	53.911	0.031	53.922	0.014	53.932	0.001	59.164	0.007	59.199	0.024	59.252	0.014	59.290	0.031
53.943	0.001	53.953	0.010	53.963	0.018	53.971	0.035	59.314	0.039	59.353	0.025	59.385	0.037	59.419	0.007
53.982	0.056	53.998	0.069	54.016	0.060	54.031	0.052	59.450	0.006	59.487	-0.003	59.511	0.018	59.542	0.039
54.044	0.043	54.060	0.035	54.073	0.018	54.081	0.005	59.568	0.031	59.594	0.009	59.620	-0.016	59.648	-0.008
54.091	-0.016	54.100	-0.011	54.113	0.001	54.131	0.005	59.688	0.009	59.728	0.025	59.756	0.029	59.774	0.025
54.147	0.018	54.168	0.031	54.194	0.027	54.209	0.035	59.801	0.025	59.853	-0.005	59.884	0.008	59.907	0.008
54.222	0.035	54.236	0.018	54.251	-0.008	54.264	-0.016	59.942	0.012	59.975	0.024	60.015	0.008	60.048	-0.001
54.280	-0.012	54.295	-0.004	54.313	0.008	54.328	0.021	60.078	-0.008	60.116	-0.001	60.145	-0.001	60.190	-0.010
54.341	0.029	54.354	0.033	54.367	0.046	54.379	0.028	60.223	-0.010	60.253	0.003	60.281	0.011	60.307	0.011
54.392	0.007	54.407	-0.010	54.415	-0.015	54.433	-0.015	60.331	-0.002	60.351	-0.019	60.374	-0.011	60.403	0.001
54.459	-0.007	54.493	-0.011	54.503	-0.003	54.520	0.014	60.431	0.014	60.460	0.022	60.486	0.009	60.518	-0.012
54.551	0.013	54.543	0.000	54.562	-0.004	54.582	-0.021	60.554	-0.017	60.582	-0.013	60.614	-0.001	60.645	0.008

60.679	0.003	60.723	-0.013	60.769	-0.005	60.797	0.004
60.826	0.017	60.867	0.000	60.897	0.004	60.936	0.030
60.971	0.022	61.010	0.005	61.076	0.014	61.109	0.005
61.141	0.018	61.158	0.018	61.198	0.001	61.239	0.014
61.301	0.019	61.345	-0.002	61.439	-0.010	61.543	0.016
61.612	-0.014						

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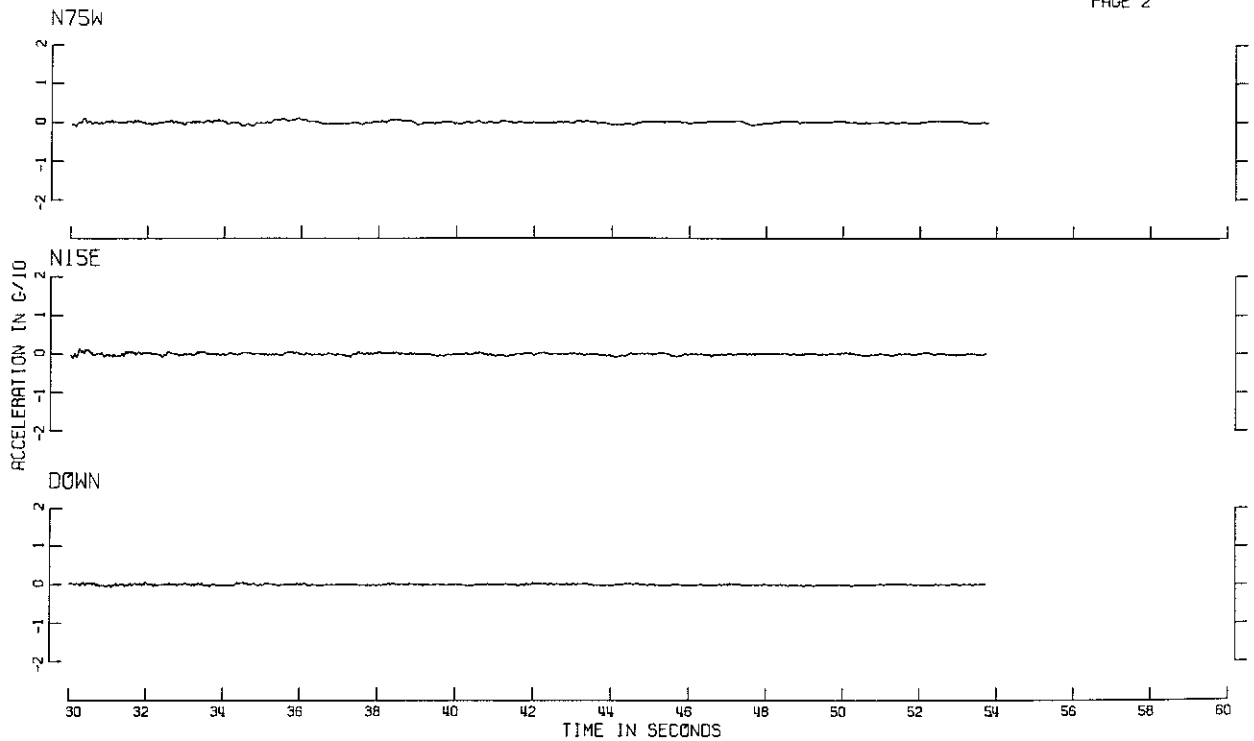


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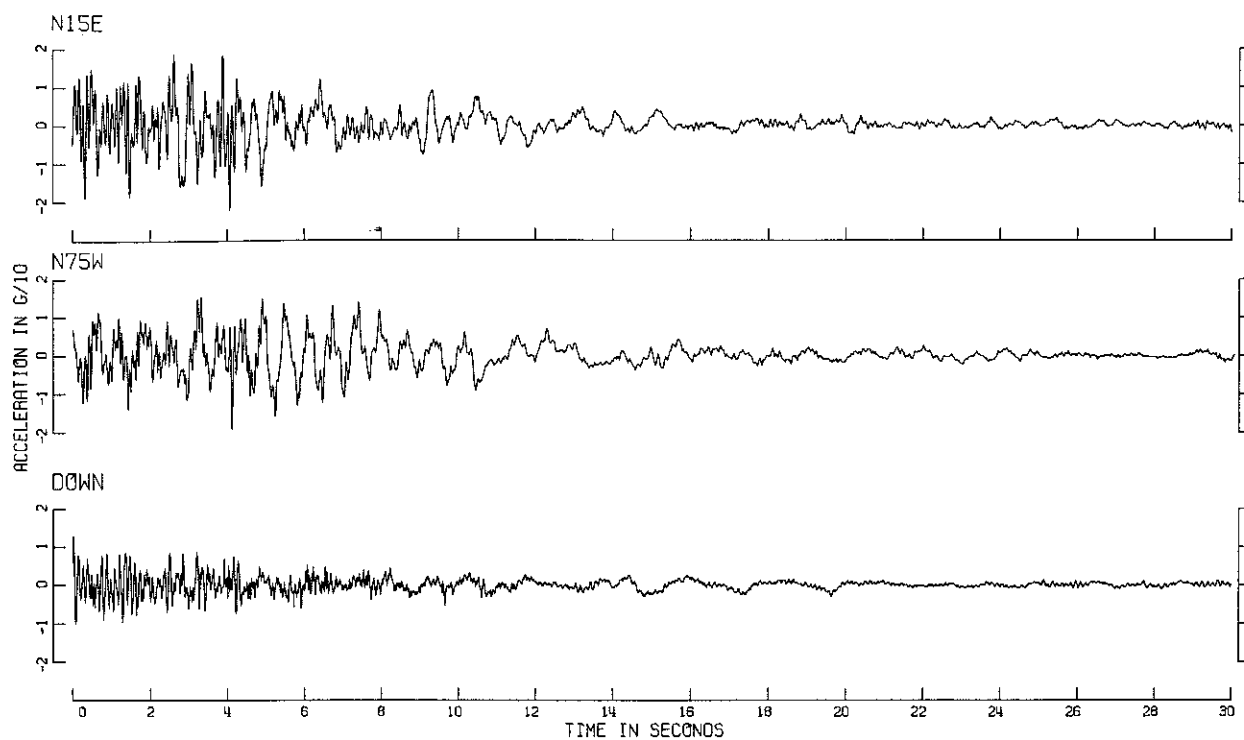


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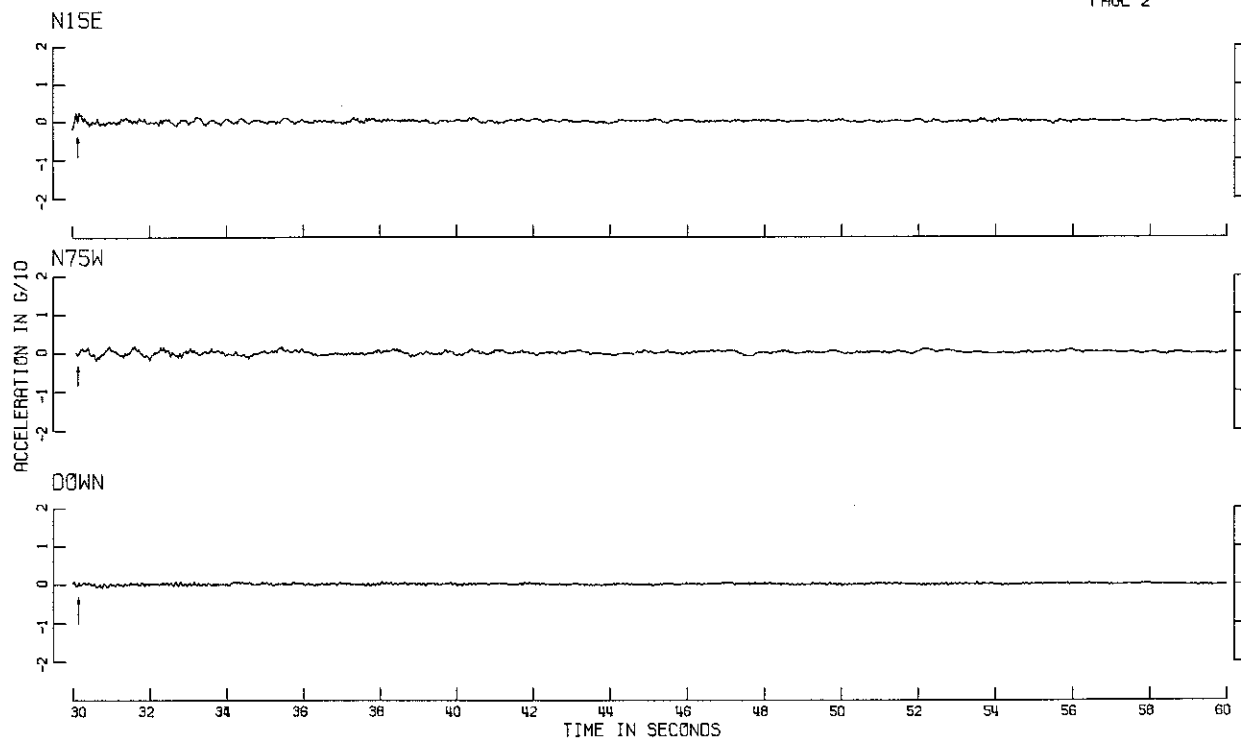


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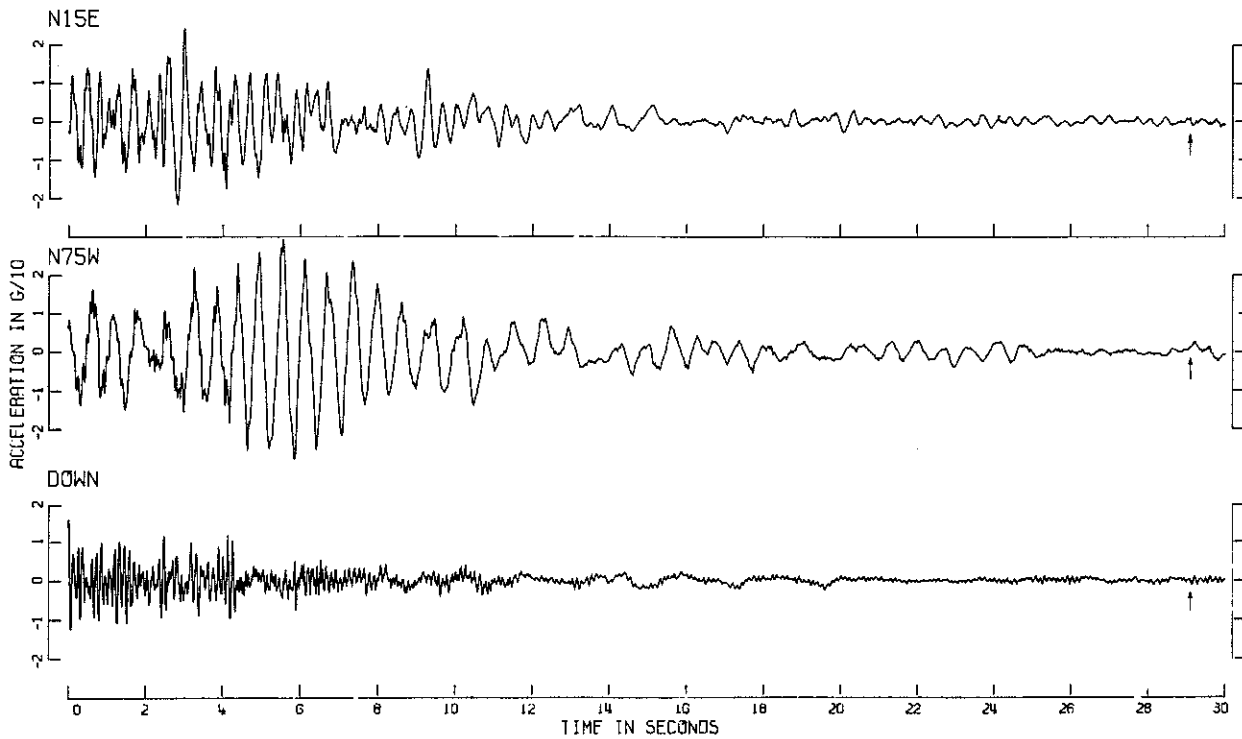


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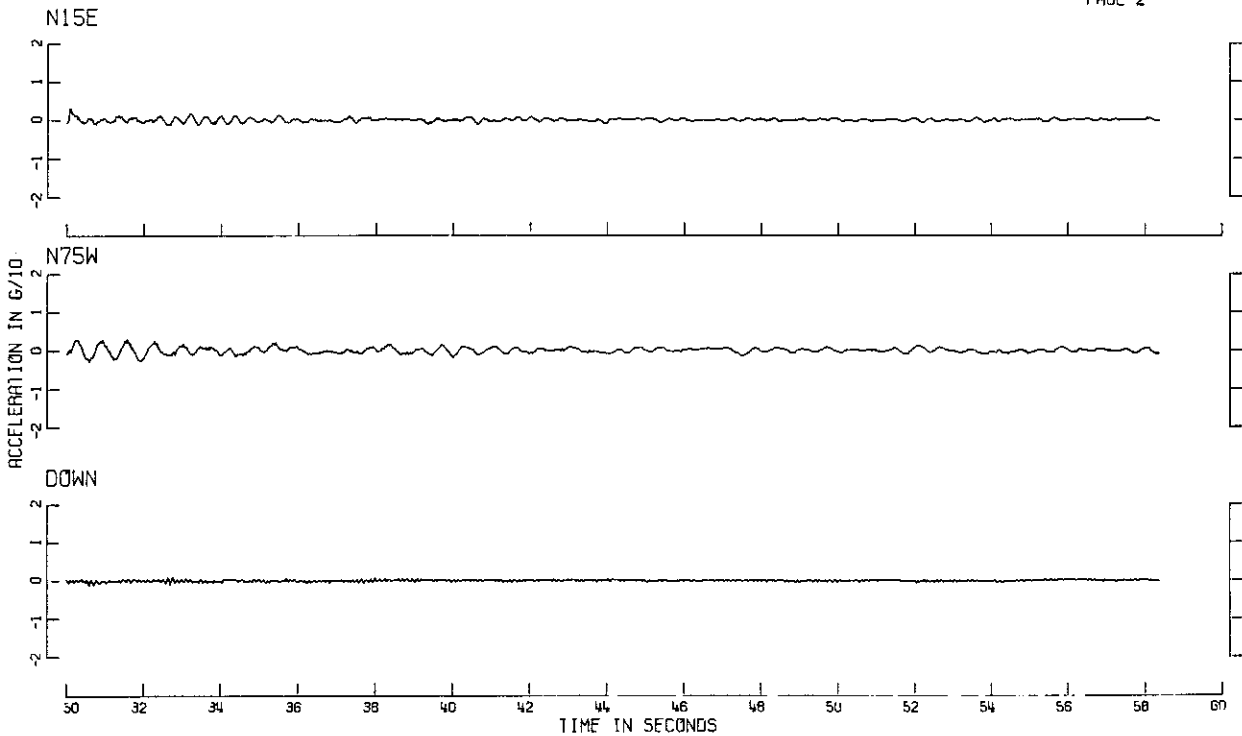


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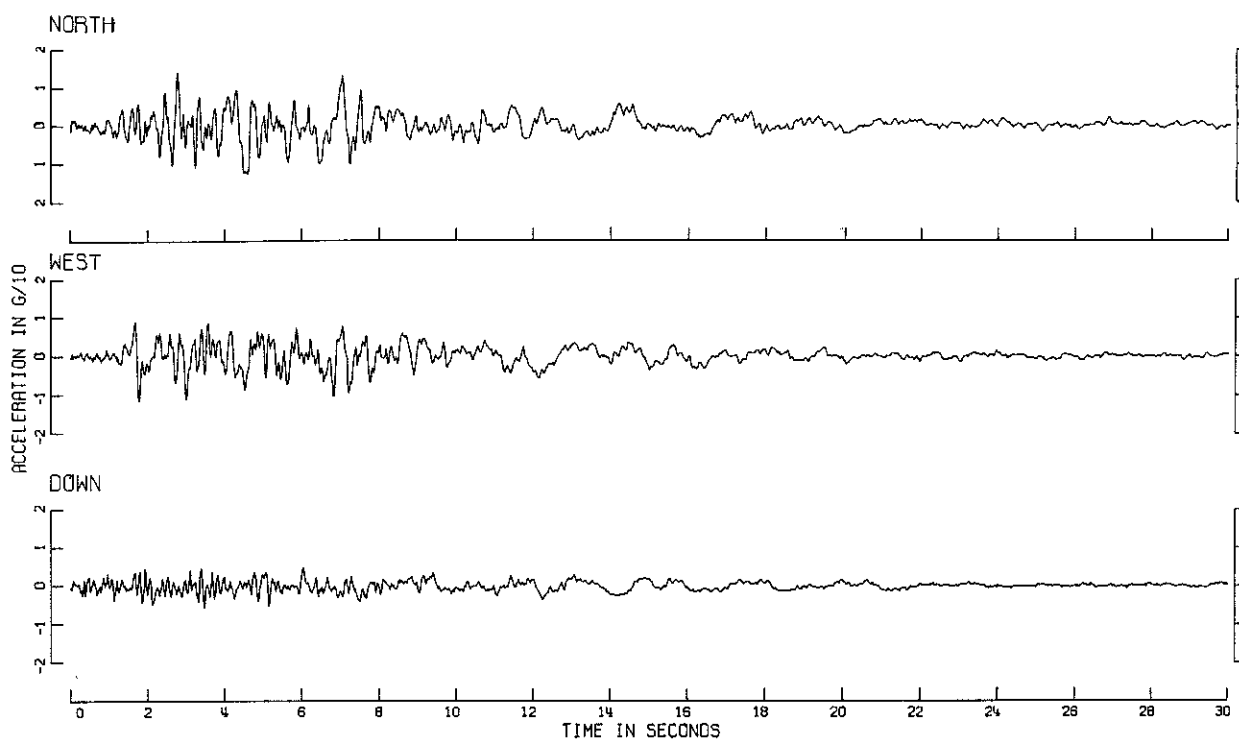


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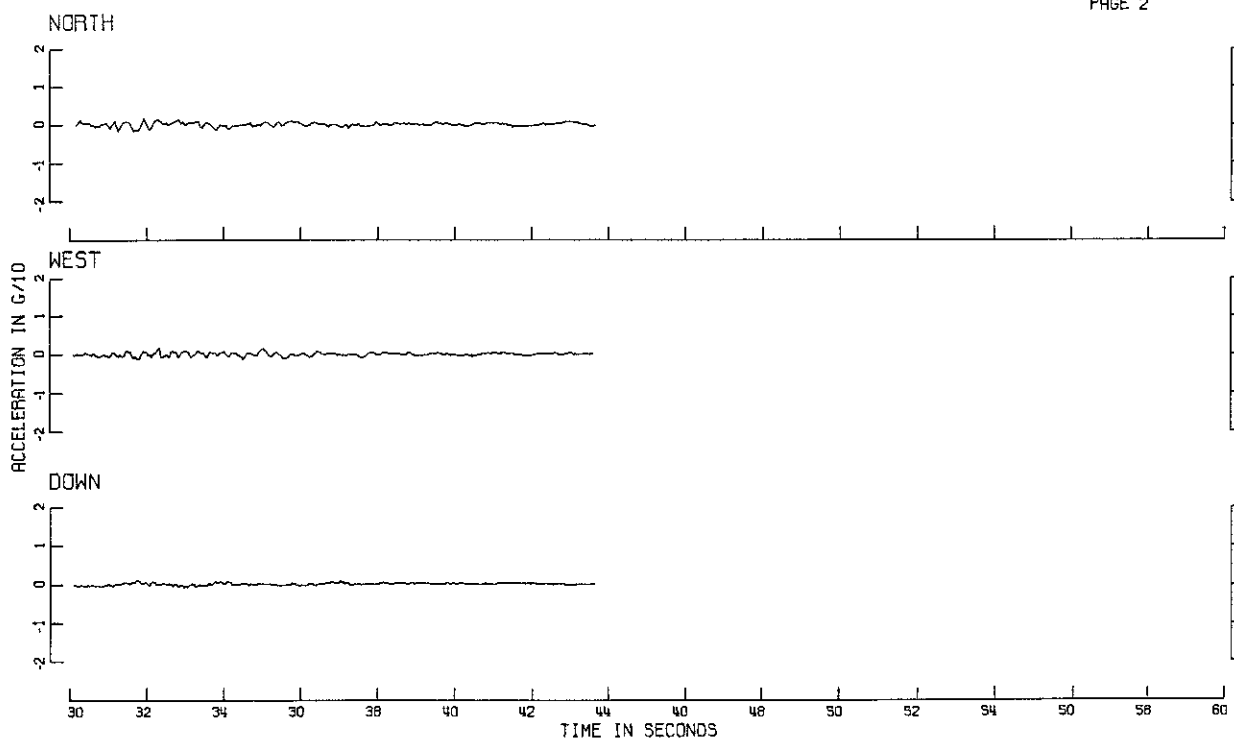


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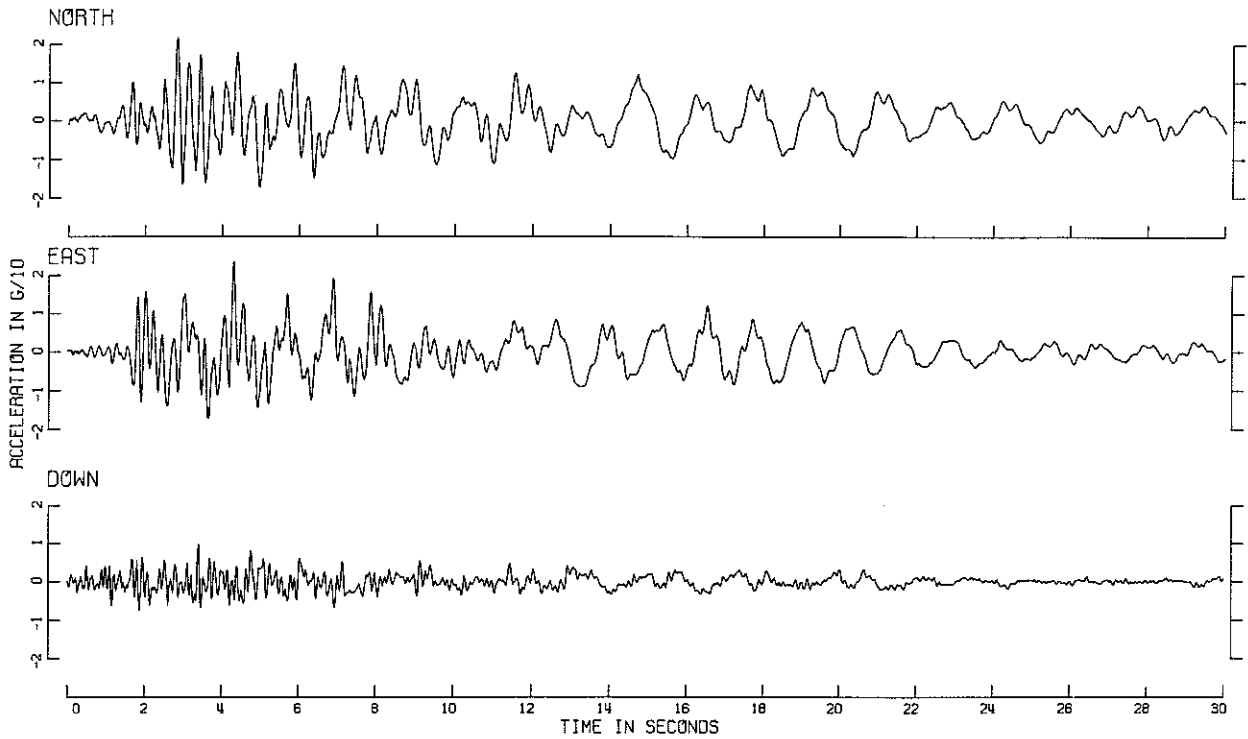


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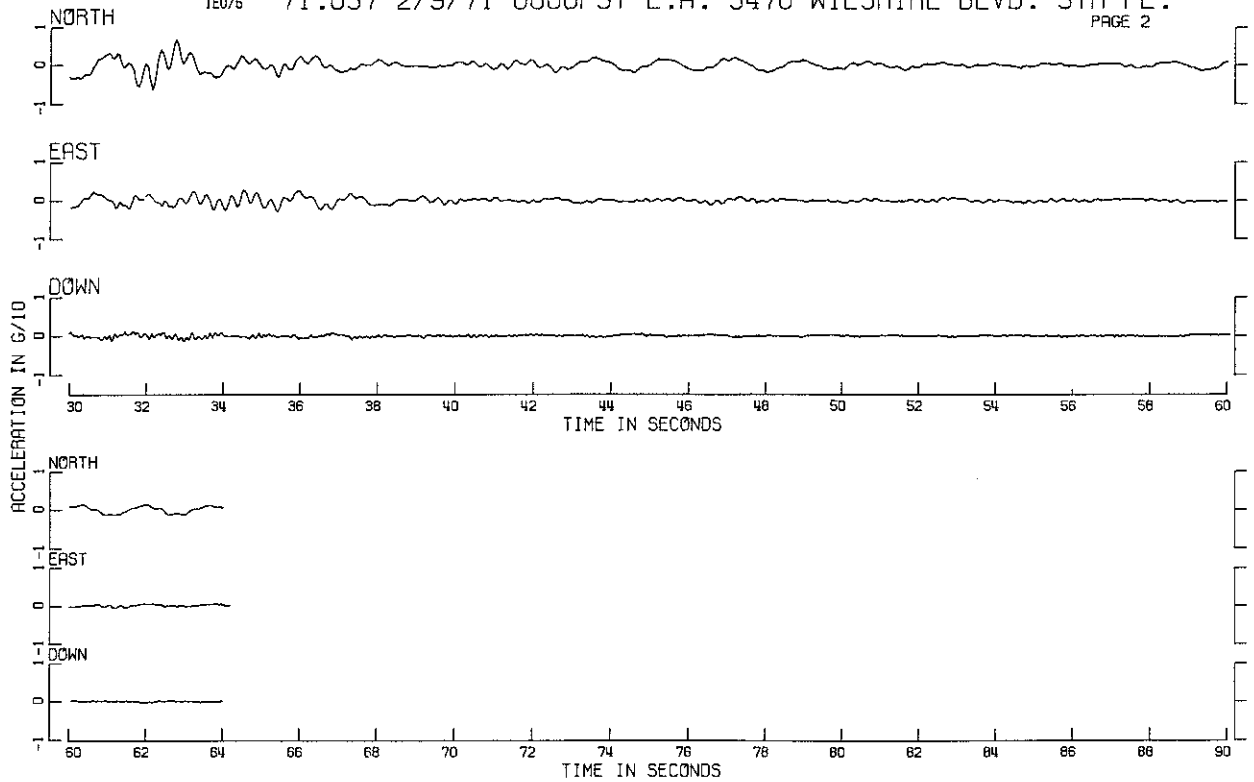
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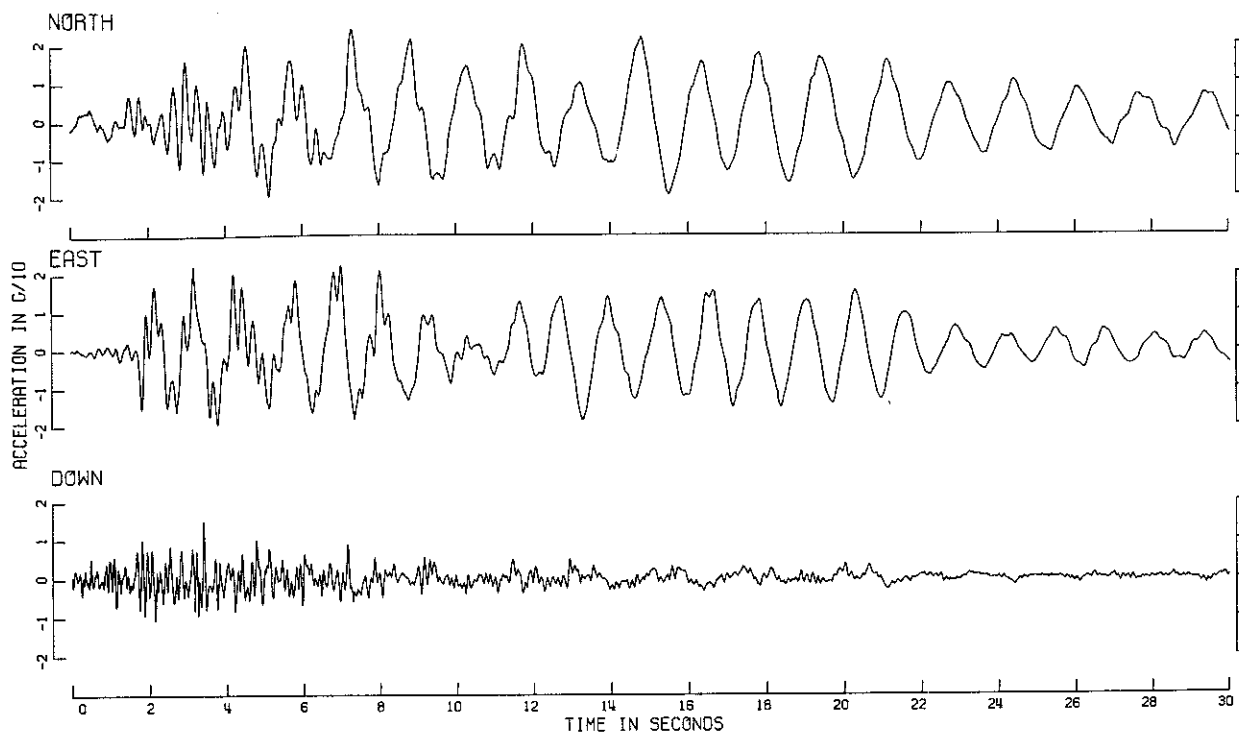
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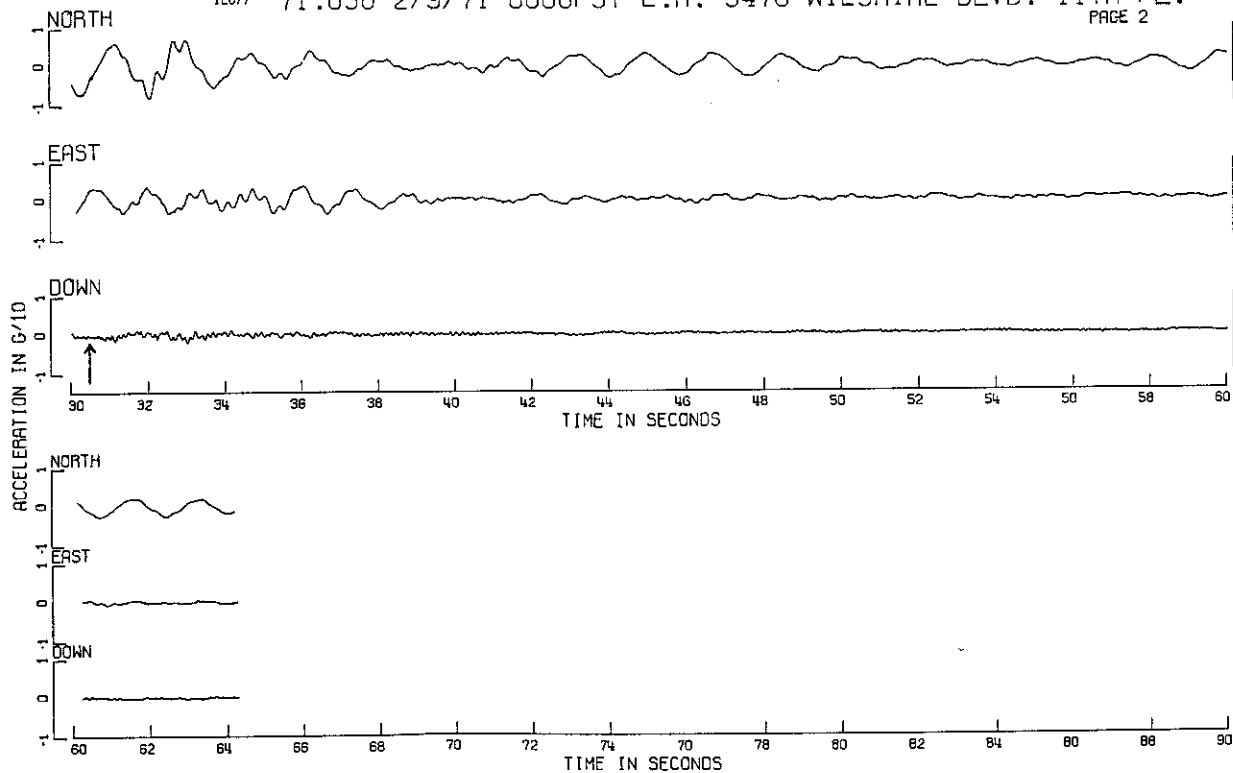


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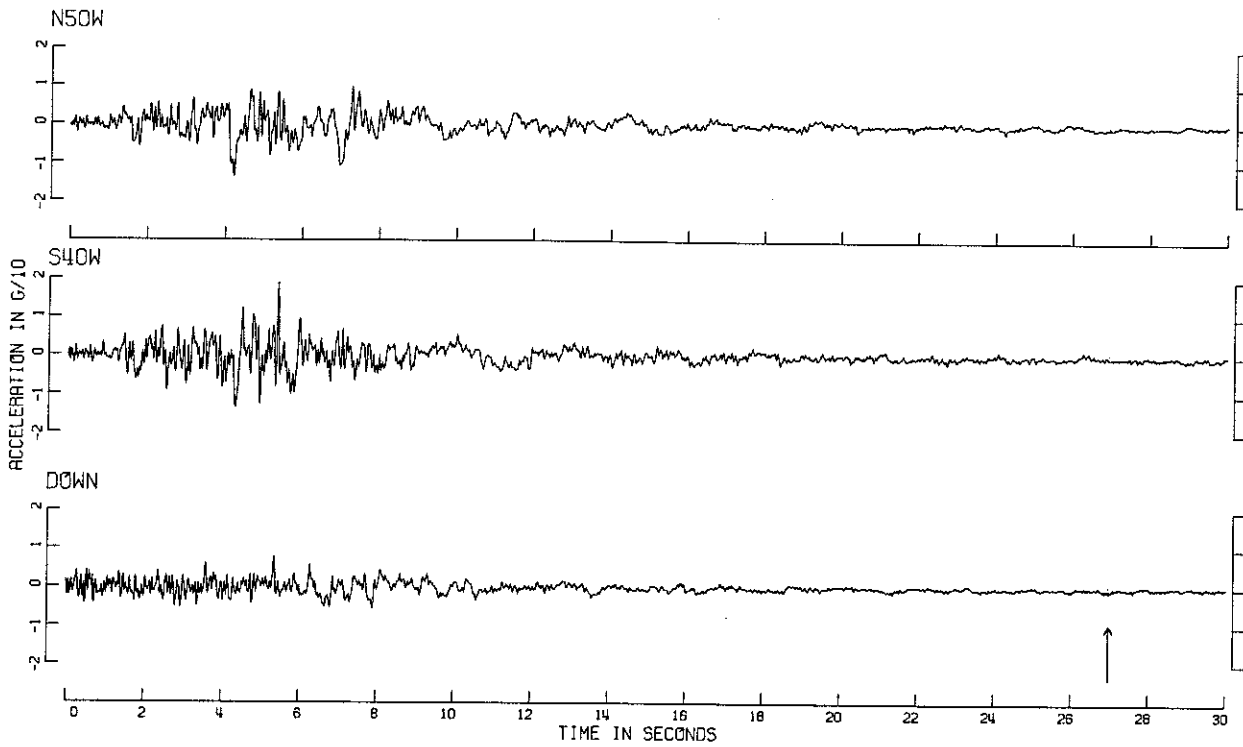


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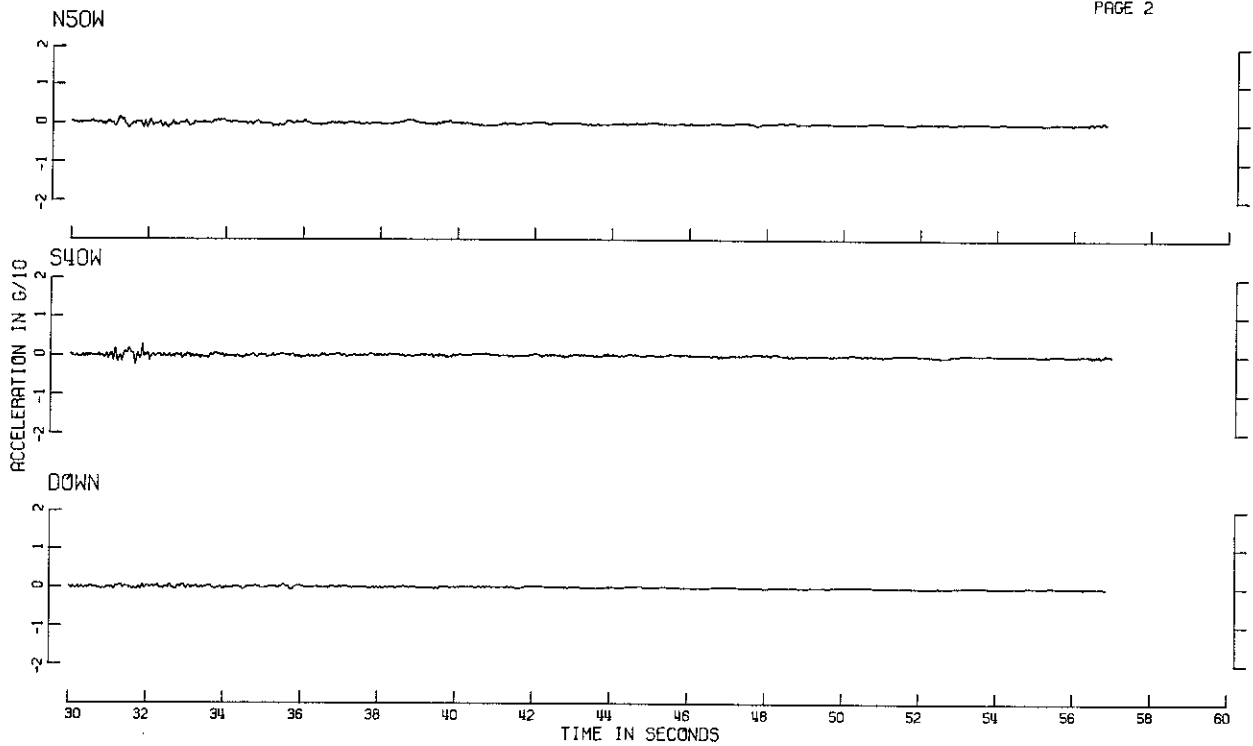


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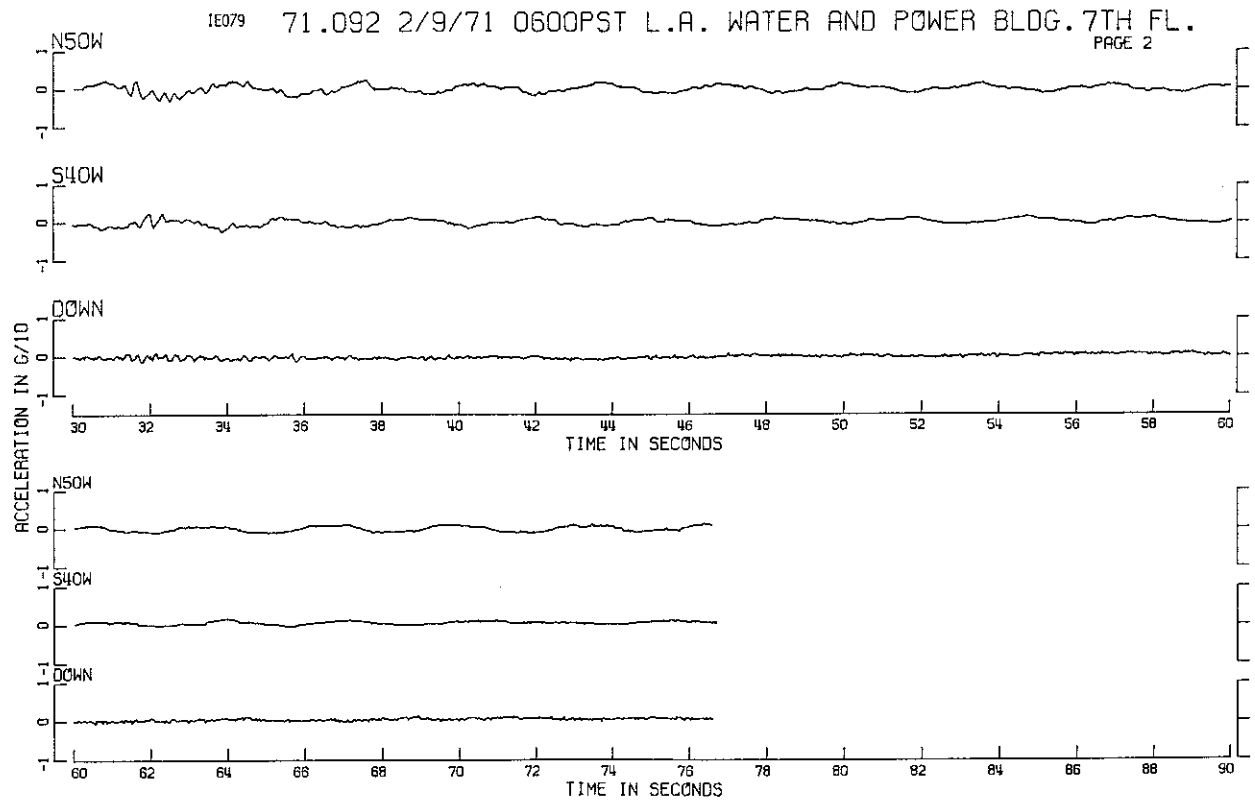
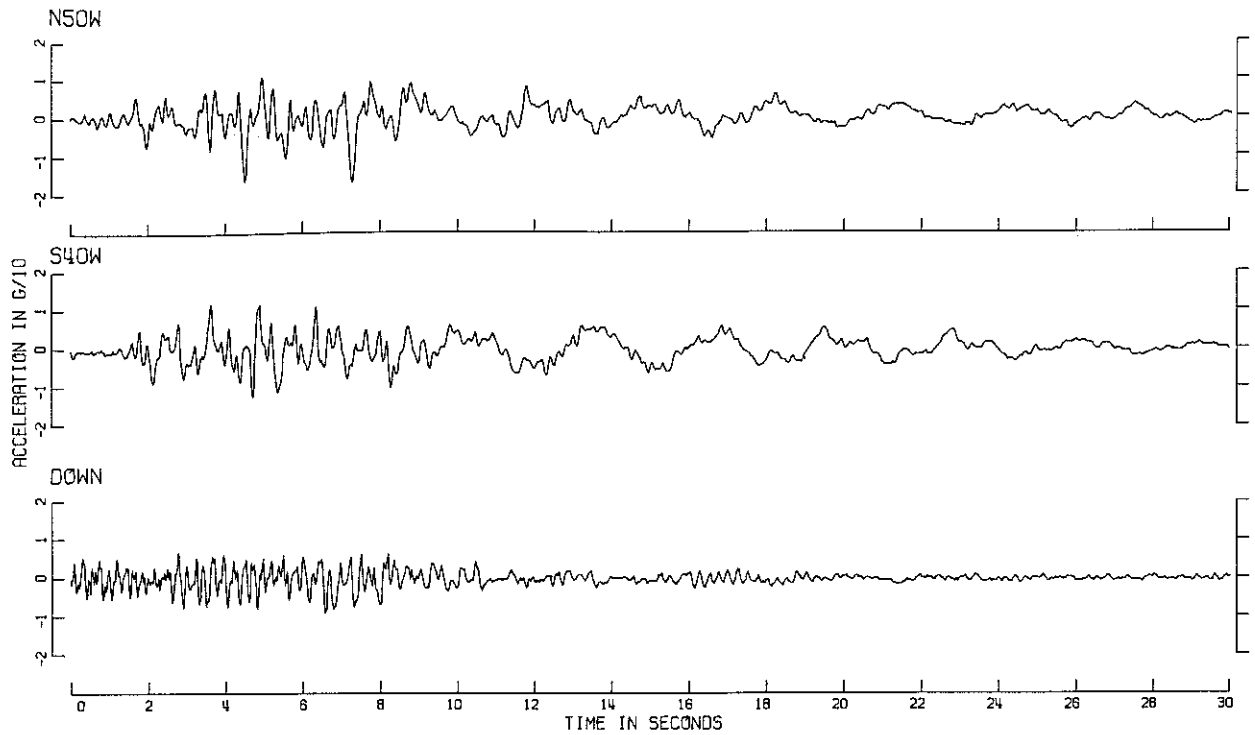


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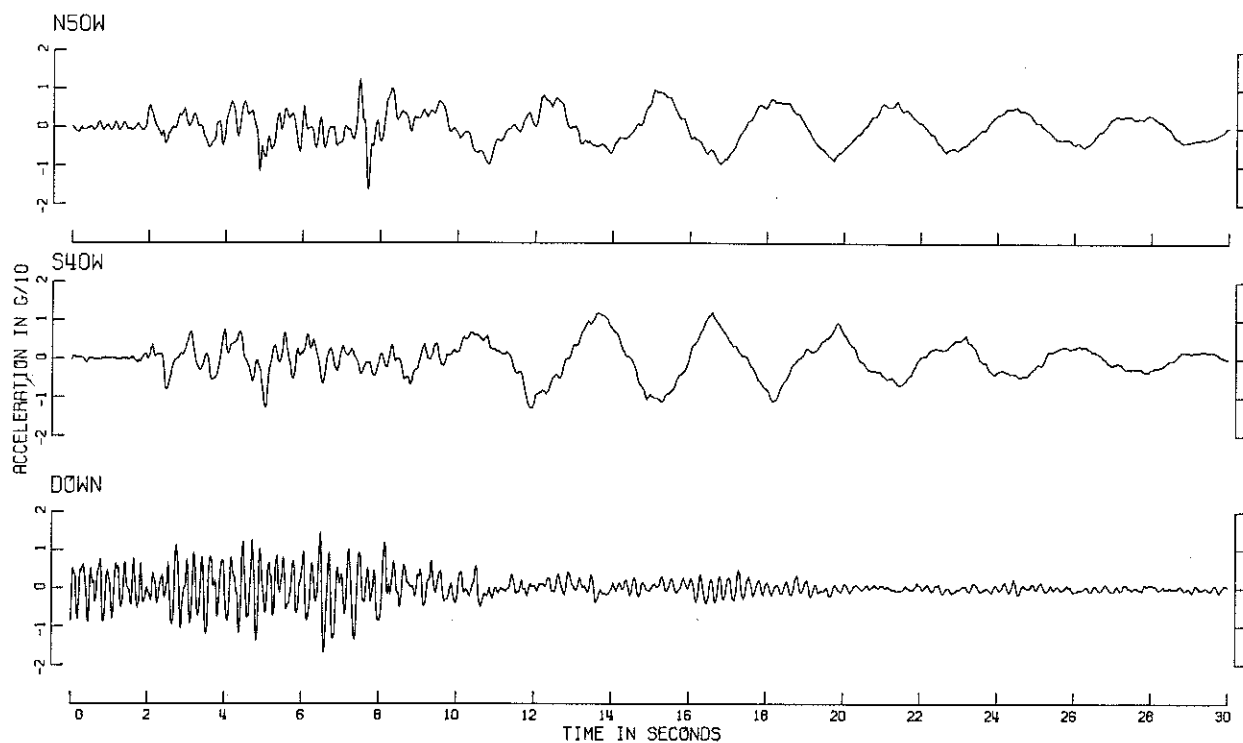
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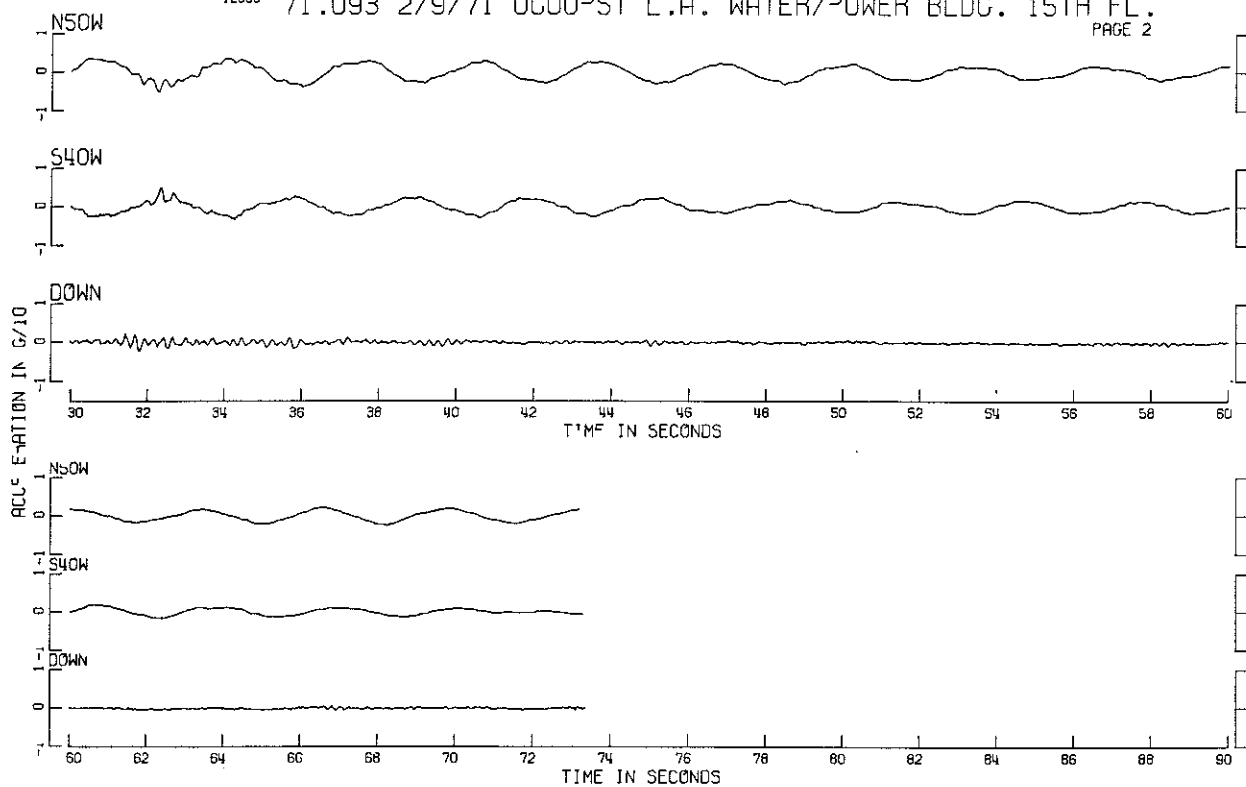
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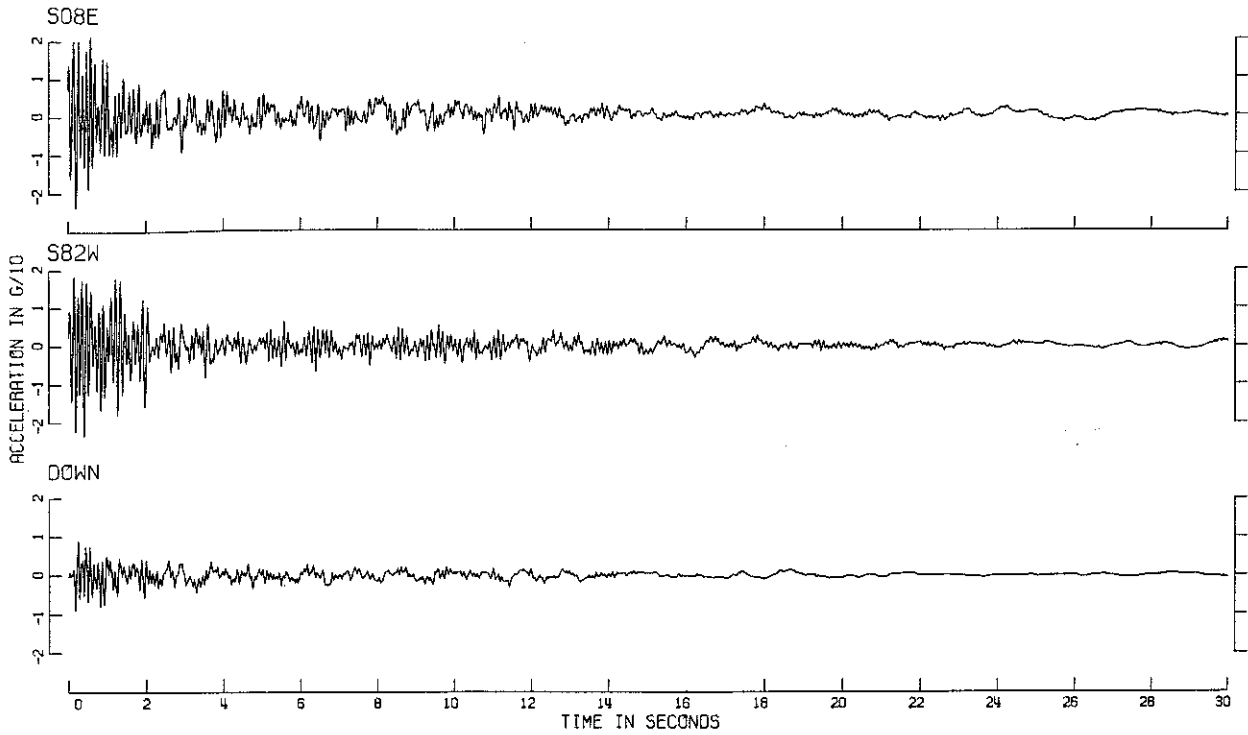
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IE080 71.093 2/9/71 0600PST L.A. WATER/POWER BLDG. 15TH FL. PAGE 2

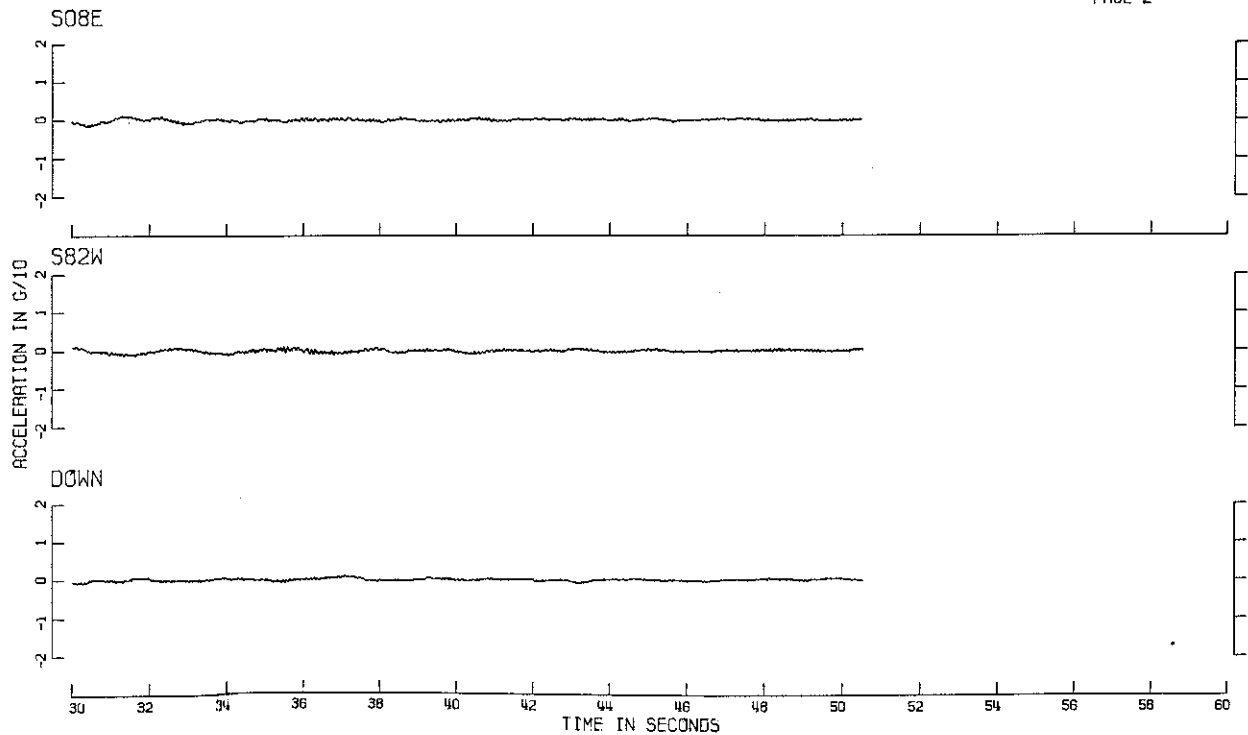


1E081 71.062 SANTA FELICIA OUTLET WORKS 2/9/71 0600PST

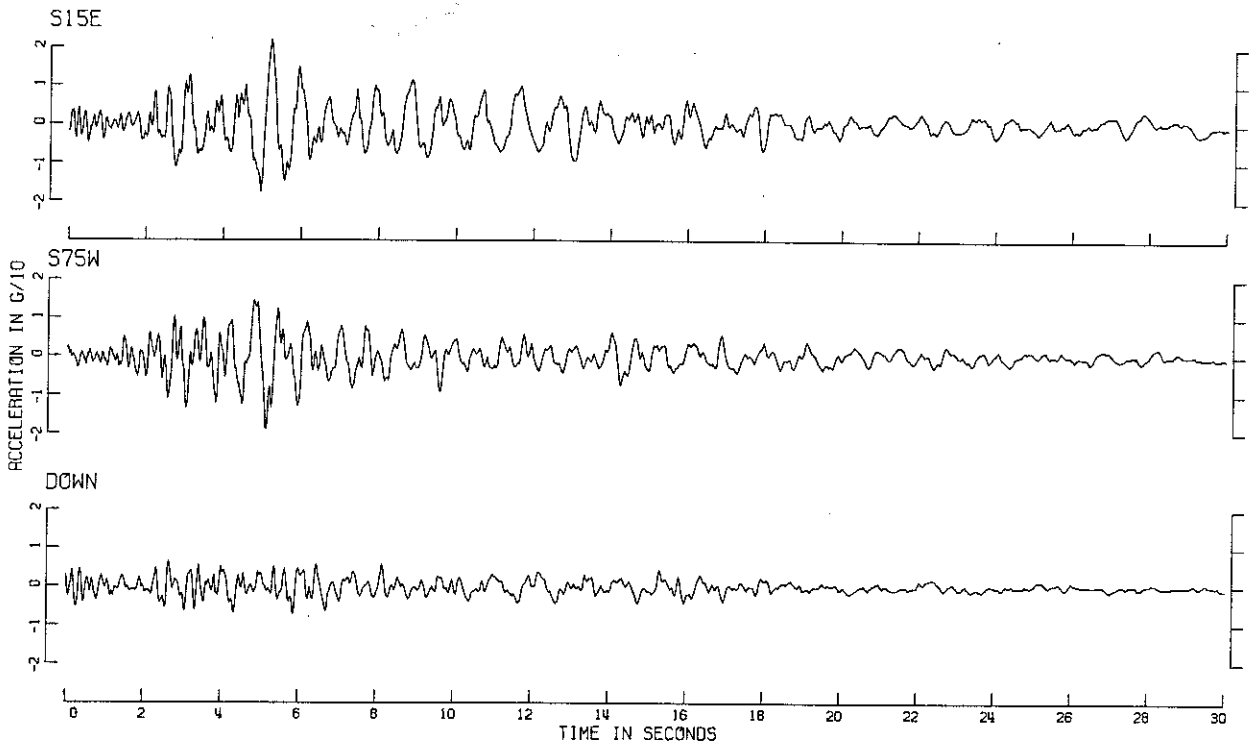


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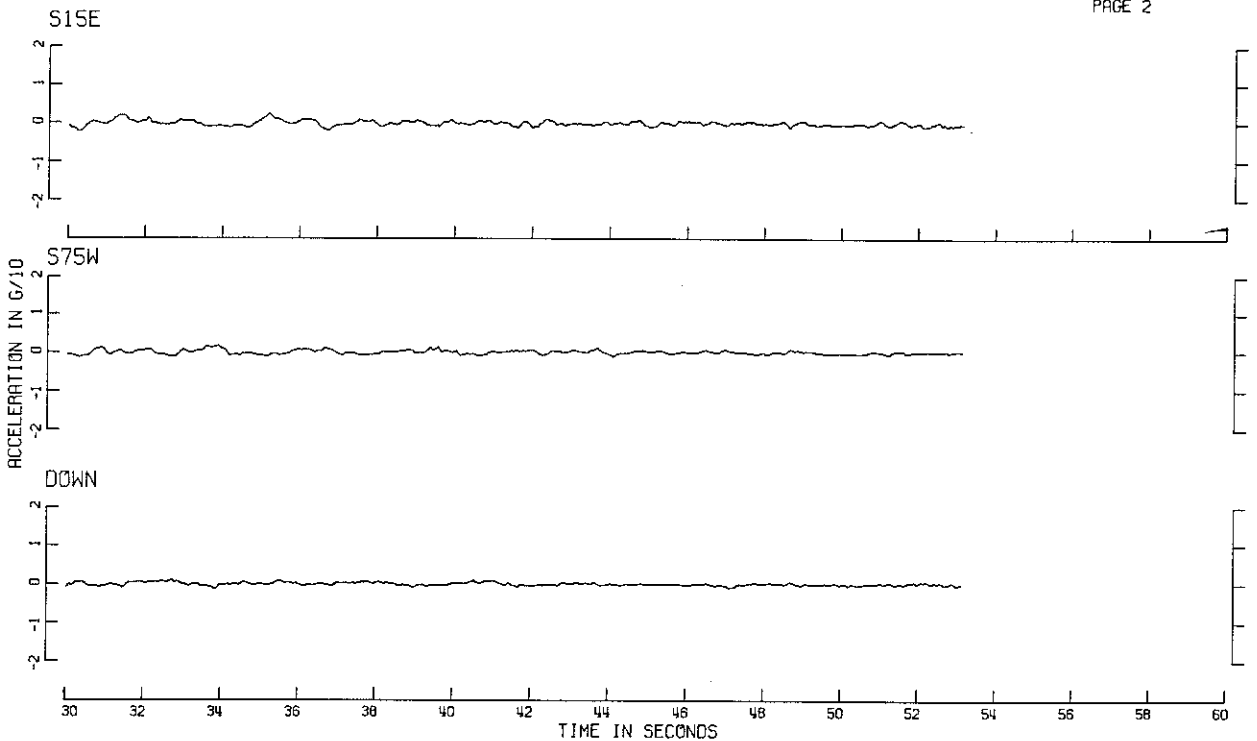


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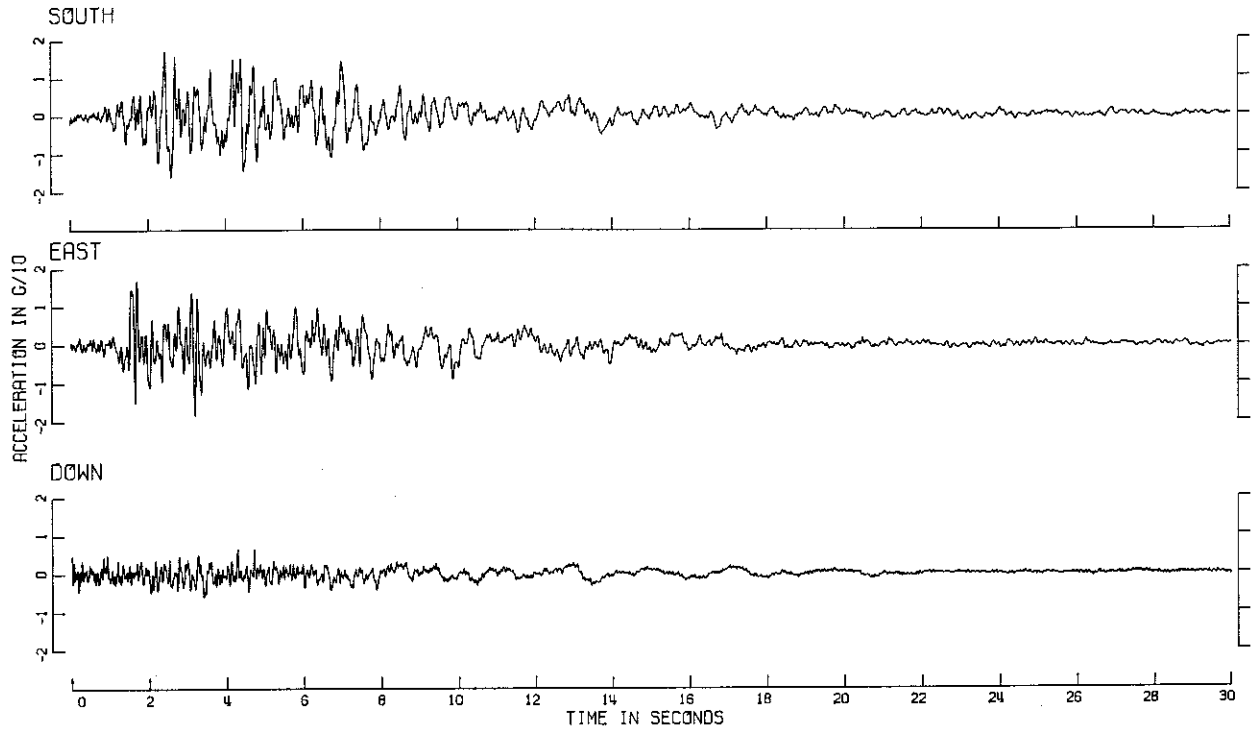


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PAGE 2

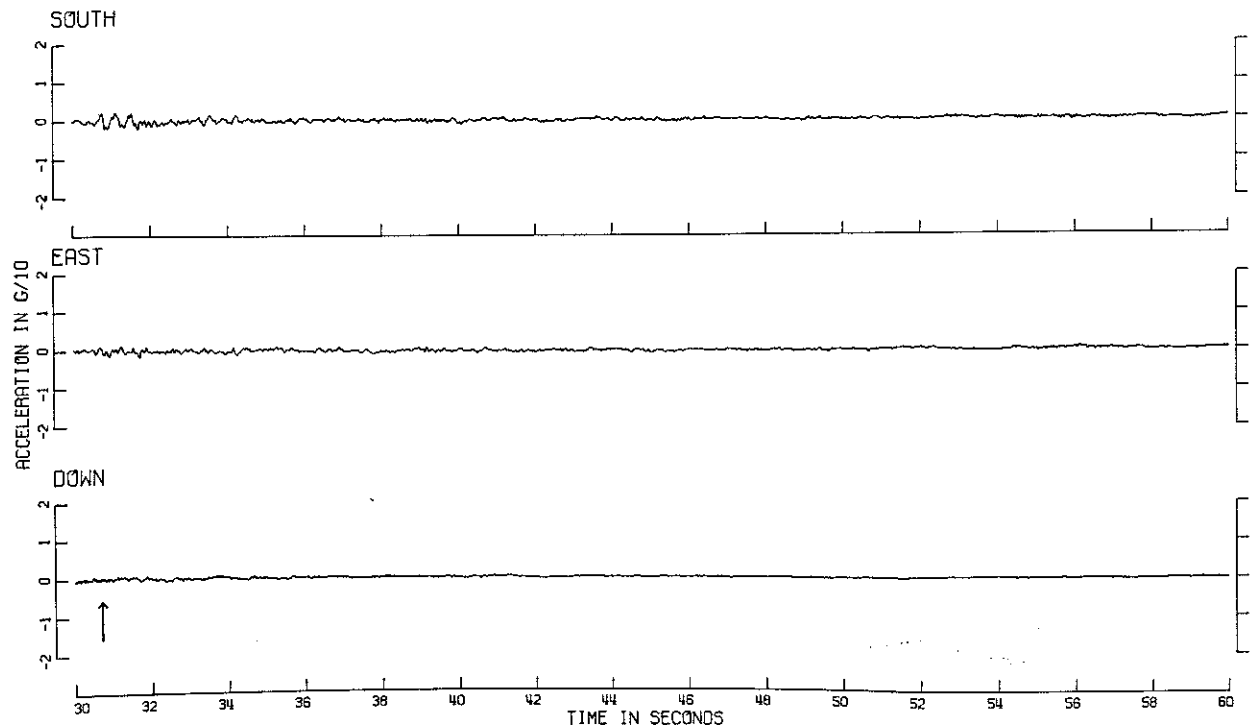


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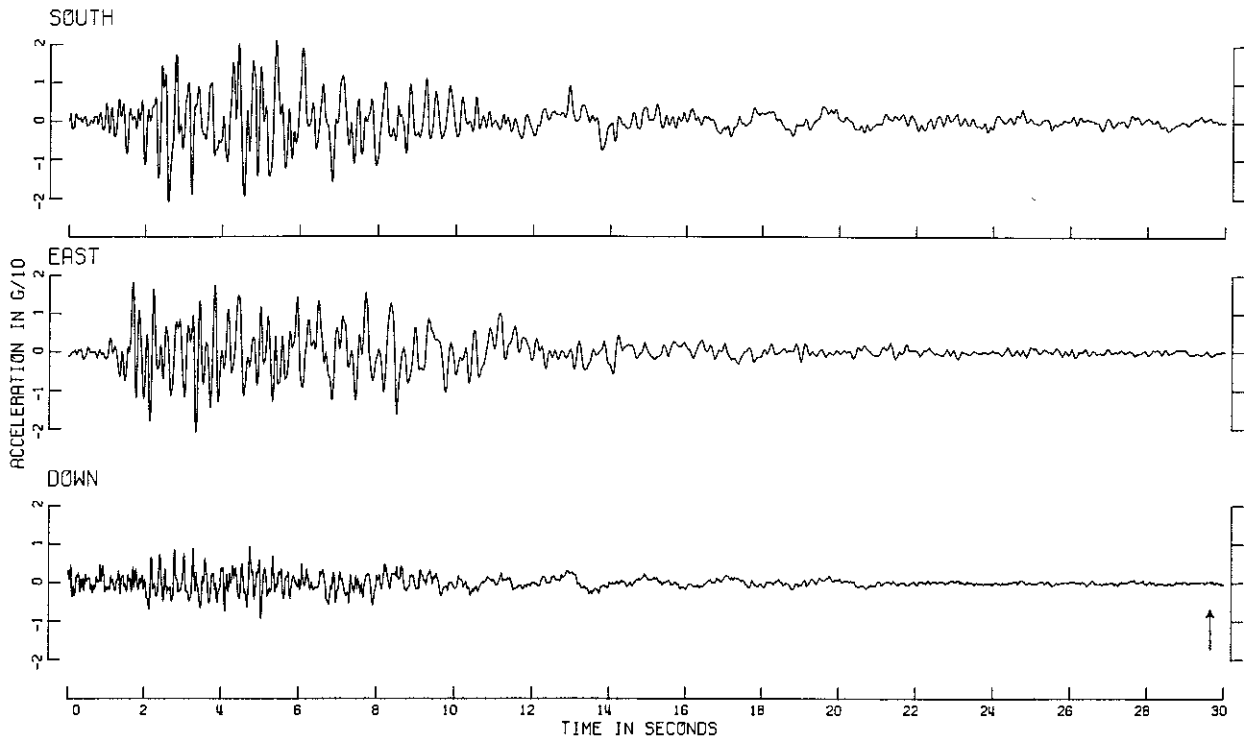


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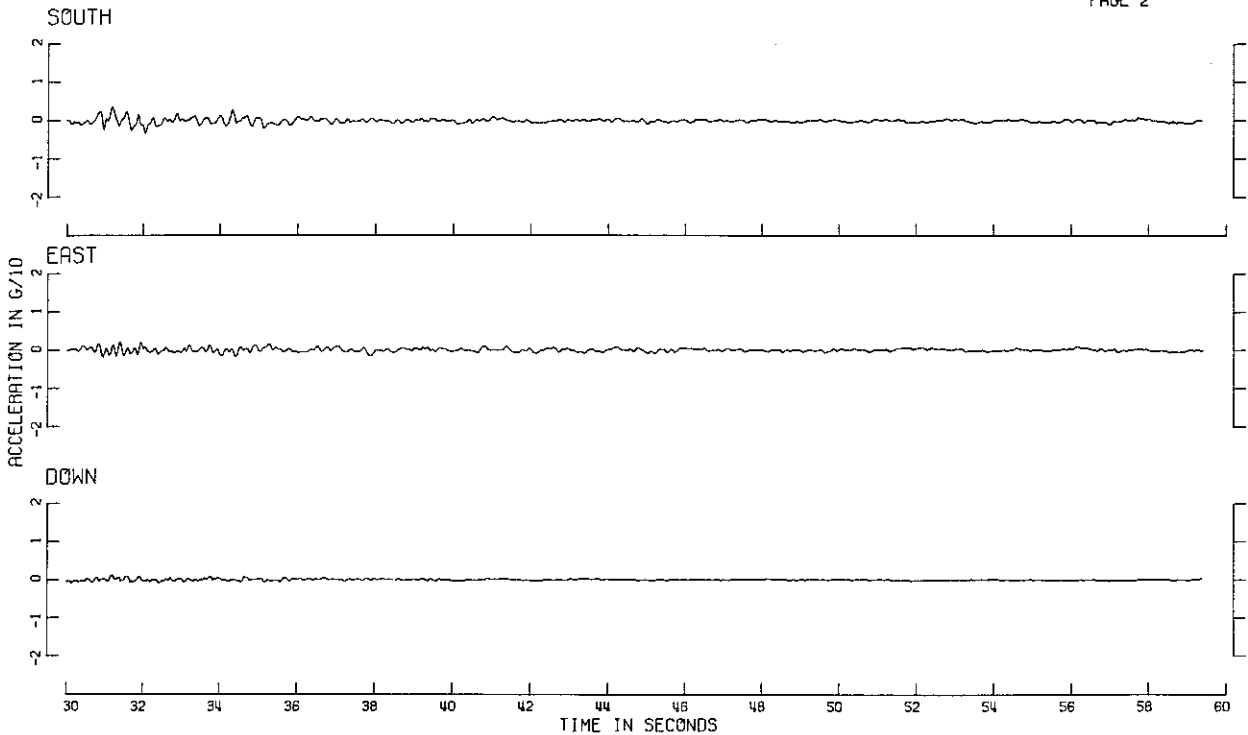


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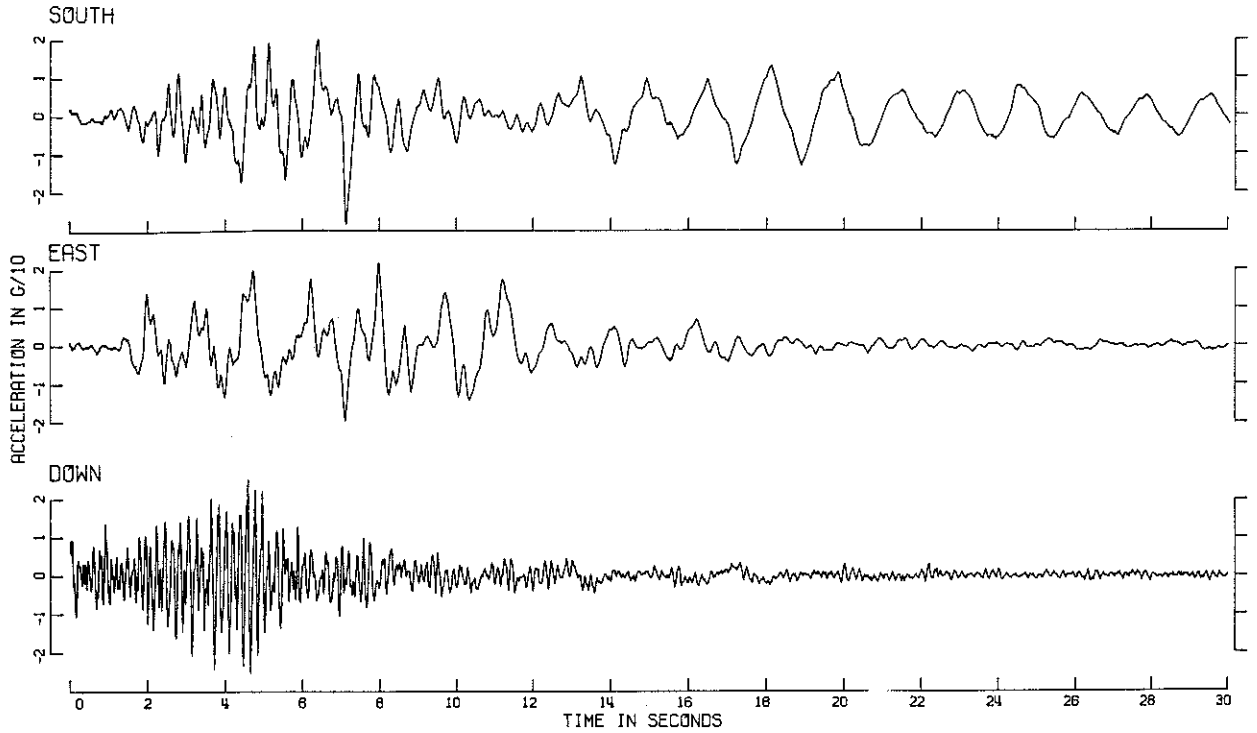


IE084 71.097 2/9/71 0600PST L.A. 3407 SIXTH ST. 4TH FL.

PAGE 2



IE085 71.098 2/9/71 0600PST L.A. 3407 SIXTH ST. PENTHOUSE



IE085 71.098 2/9/71 0600PST L.A. 3407 SIXTH ST. PENTHOUSE

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